
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 6-K

**Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934**

For the month of November, 2019

Commission File Number: 001-36619

Affimed N.V.

**Im Neuenheimer Feld 582,
69120 Heidelberg,
Germany**
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

On November 7, 2019, Affimed N.V. (“Affimed” or the “Company”) entered into an underwriting agreement (the “Underwriting Agreement”) with Jefferies LLC and SVB Leerink LLC, as representatives of the several underwriters named therein (collectively, the “Underwriters”), relating to the issuance and sale (the “Offering”) of 12,000,000 of the Company’s common shares (the “Underwritten Shares”), as well as an additional 1,800,000 common shares to be sold pursuant to the full exercise of the option to purchase additional shares granted to the Underwriters (the “Optional Shares”). The price to the public in the Offering is \$2.50 per share, and the Underwriters have agreed to purchase the common shares from the Company pursuant to the Underwriting Agreement at a price of \$2.35 per share. The net proceeds to the Company from the Offering of the Underwritten Shares and the Optional Shares are expected to be approximately \$32.0 million, after deducting underwriting discounts and other estimated offering expenses payable by the Company. All of the common shares in the Offering are being sold by the Company.

The Offering is being made pursuant to the Company’s effective registration statement on Form F-3 (Registration Statement No. 333-227933) previously filed with the Securities and Exchange Commission and a prospectus supplement thereunder.

The Underwriting Agreement contains customary representations, warranties and covenants by the Company, customary conditions to closing, indemnification obligations of the Company and the Underwriters, including for liabilities under the Securities Act of 1933, as amended, other obligations of the parties and termination provisions. The representations, warranties and covenants contained in the Underwriting Agreement were made only for purposes of such agreement and as of specific dates, were solely for the benefit of the parties to such agreement, and may be subject to limitations agreed upon by the contracting parties.

The Underwriting Agreement is filed as Exhibit 1.1 to this report, and the description of the terms of the Underwriting Agreement is qualified in its entirety by reference to such exhibit. Copies of the opinions of De Brauw Blackstone Westbroek N.V. relating to the validity of the Underwritten Shares and the Optional Shares issued and sold in the Offering are attached as Exhibit 5.1 hereto and Exhibit 5.2 hereto, respectively.

INCORPORATION BY REFERENCE

This Report on Form 6-K shall be deemed to be incorporated by reference into the registration statements on Form F-3 (Registration Number 333-227933) and Form S-8 (Registration Number 333-198812) of Affimed N.V. and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized in Heidelberg, Germany,

November 13, 2019.

AFFIMED N.V.

By: /s/ Adi Hoess

Name: Adi Hoess

Title: Chief Executive Officer

By: /s/ Florian Fischer

Name: Florian Fischer

Title: Chief Financial Officer

EXHIBIT INDEX

| <u>Exhibit</u> | <u>Description of Exhibit</u> |
|----------------|--|
| 1.1 | <u>Underwriting Agreement, dated November 7, 2019 by and among Affimed N.V., Jefferies LLC and SVB Leerink LLC, as representatives of the underwriters</u> |
| 5.1 | <u>Opinion of De Brauw Blackstone Westbroek N.V. with respect to the Underwritten Shares</u> |
| 5.2 | <u>Opinion of De Brauw Blackstone Westbroek N.V. with respect to the Optional Shares</u> |
| 23.1 | <u>Consent of De Brauw Blackstone Westbroek N.V. (included in Exhibit 5.1)</u> |
| 23.2 | <u>Consent of De Brauw Blackstone Westbroek N.V. (included in Exhibit 5.2)</u> |

Affimed N.V.
12,000,000 Common Shares
(Par Value €0.01 Per Share)
UNDERWRITING AGREEMENT

November 7, 2019

Jefferies LLC
SVB Leerink LLC

As Representatives of the several Underwriters

c/o Jefferies LLC
520 Madison Avenue
New York, New York 10022

c/o SVB Leerink LLC
One Federal Street, 37th Floor
Boston, Massachusetts 02110

Ladies and Gentlemen:

Introductory. Affimed N.V., a company incorporated under the laws of the Netherlands (the “**Company**”), proposes to issue and sell to the several underwriters named in Schedule A (the “**Underwriters**”) an aggregate of 12,000,000 common shares, par value €0.01 per share (the “**Common Shares**”). The 12,000,000 Common Shares to be sold by the Company are called the “**Firm Shares**.” In addition, the Company has granted to the Underwriters an option to purchase up to an additional 1,800,000 Common Shares as provided in Section 2. The additional 1,800,000 Common Shares to be sold pursuant to such option are called the “**Optional Shares**.” The Firm Shares and, if and to the extent such option is exercised, the Optional Shares are collectively called the “**Offered Shares**.” Jefferies LLC (“**Jefferies**”) and SVB Leerink LLC (“**Leerink**”) have agreed to act as representatives of the several Underwriters (in such capacity, the “**Representatives**”) in connection with the offering and sale of the Offered Shares. To the extent there are no additional underwriters listed on Schedule A, the term “**Representatives**” as used herein shall mean you, as Underwriters, and the term “**Underwriters**” shall mean either the singular or the plural, as the context requires.

The Company has prepared and filed with the Securities and Exchange Commission (the “**Commission**”) a shelf registration statement on Form F-3, File No. 333-227933, including a base prospectus (the “**Base Prospectus**”) to be used in connection with the public offering and sale of the Offered Shares. Such registration statement, as amended, including the financial statements, exhibits and schedules thereto, in the form in which it became effective under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder (collectively, the “**Securities Act**”), including all documents incorporated by reference or deemed to be incorporated by reference therein and any information deemed to be a part thereof at the time of effectiveness pursuant to Rule 430B under the Securities Act, is called the “**Registration Statement**.” The preliminary prospectus supplement dated November 7, 2019 describing the Offered Shares and the offering thereof (the “**Preliminary Prospectus Supplement**”), together with the Base Prospectus, is called the “**Preliminary Prospectus**,” and the Preliminary Prospectus and any other prospectus supplement to the Base Prospectus in preliminary form that describes the Offered Shares and the offering thereof and is used prior to the filing of the Prospectus (as defined below), together with the Base Prospectus, is called a “**preliminary prospectus**.” As used herein, the term “**Prospectus**” shall mean the final prospectus supplement to the Base Prospectus that describes the Offered Shares and the offering

thereof (the “**Final Prospectus Supplement**”), together with the Base Prospectus, in the form first used by the Underwriters to confirm sales of the Offered Shares or in the form first made available to the Underwriters by the Company to meet requests of purchasers pursuant to Rule 173 under the Securities Act. References herein to the Preliminary Prospectus, any preliminary prospectus and the Prospectus shall refer to both the prospectus supplement and the Base Prospectus components of such prospectus. As used herein, “**Applicable Time**” is 6:30 PM (New York City time) on November 7, 2019. As used herein, “**free writing prospectus**” has the meaning set forth in Rule 405 under the Securities Act, and “**Time of Sale Prospectus**” means the Preliminary Prospectus, as amended or supplemented immediately prior to the Applicable Time, together with the free writing prospectuses, if any, identified in Schedule B hereto and the pricing information set forth on Schedule B hereto. As used herein, “**Road Show**” means a “road show” (as defined in Rule 433 under the Securities Act) relating to the offering of the Offered Shares contemplated hereby that is a “written communication” (as defined in Rule 405 under the Securities Act). As used herein, “**Section 5(d) Written Communication**” means each written communication (within the meaning of Rule 405 under the Securities Act) that is made in reliance on Section 5(d) of the Securities Act by the Company or any person authorized to act on behalf of the Company to one or more potential investors that are qualified institutional buyers (“**QIBs**”) and/or institutions that are accredited investors (“**IAIs**”), as such terms are respectively defined in Rule 144A and Rule 501(a) under the Securities Act, to determine whether such investors might have an interest in the offering of the Offered Shares; “**Section 5(d) Oral Communication**” means each oral communication, if any, made in reliance on Section 5(d) of the Securities Act by the Company or any person authorized to act on behalf of the Company made to one or more QIBs and/or one or more IAIs to determine whether such investors might have an interest in the offering of the Offered Shares; “**Marketing Materials**” means any materials or information provided to investors by, or with the approval of, the Company in connection with the marketing of the offering of the Offered Shares, including any roadshow or investor presentations made to investors by the Company (whether in person or electronically); and “**Permitted Section 5(d) Communication**” means the Section 5(d) Written Communication(s) and Marketing Materials listed on Schedule C attached hereto.

All references in this Agreement to the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus and the Prospectus shall include the documents incorporated or deemed to be incorporated by reference therein. All references in this Agreement to financial statements and schedules and other information which are “contained,” “included” or “stated” in, or “part of” the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, and all other references of like import, shall be deemed to mean and include all such financial statements and schedules and other information which is incorporated by reference or is deemed to be incorporated by reference in the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, as the case may be. All references in this Agreement to amendments or supplements to the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus shall be deemed to refer to and include any document filed under the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder (collectively, the “**Exchange Act**”) that is incorporated by reference or is deemed to be incorporated by reference in the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, as the case may be. All references in this Agreement to (i) the Registration Statement, the Preliminary Prospectus, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, or any amendments or supplements to any of the foregoing, or any free writing prospectus, shall include any copy thereof filed with the Commission pursuant to its Electronic Data Gathering, Analysis and Retrieval System (“**EDGAR**”) and (ii) the Prospectus shall be deemed to include any “electronic Prospectus” provided for use in connection with the offering of the Offered Shares as contemplated by Section 3(m) of this Agreement.

In the event that the Company has only one subsidiary, then all references herein to “subsidiaries” of the Company shall be deemed to refer to such single subsidiary, mutatis mutandis.

The Company hereby confirms its agreements with the Underwriters as follows:

Section 1. Representations and Warranties of the Company. The Company hereby represents, warrants and covenants to each Underwriter, as of the date of this Agreement, as of the First Closing Date (as hereinafter defined) and as of each Option Closing Date (as hereinafter defined), if any, as follows:

(a) **Compliance with Registration Requirements.** The Registration Statement has become effective under the Securities Act. The Company has complied, to the Commission’s satisfaction, with all requests of the Commission for additional or supplemental information, if any. No stop order suspending the effectiveness of the Registration Statement is in effect and, to the knowledge of the Company, no proceedings for such purpose have been instituted, are pending or are contemplated or threatened by the Commission. At the time the Company’s Annual Report on Form 20-F for the year ended December 31, 2018 (the “**Annual Report**”) was filed with the Commission, or, if later, at the time the Registration Statement was originally filed with the Commission, the Company met the then-applicable requirements for use of Form F-3 under the Securities Act. The Company is a “foreign private issuer” within the meaning of Rule 405 under the Act. The documents incorporated or deemed to be incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus, at the time they were or hereafter are filed with the Commission, or became effective under the Exchange Act, as the case may be, complied and will comply in all material respects with the requirements of the Exchange Act.

(b) **Disclosure.** Each preliminary prospectus and the Prospectus when filed complied in all material respects with the Securities Act and, if filed by electronic transmission pursuant to EDGAR, was identical (except as may be permitted by Regulation S-T under the Securities Act) to the copy thereof delivered to the Underwriters for use in connection with the offer and sale of the Offered Shares. Each of the Registration Statement and any post-effective amendment thereto, at the time it became or becomes effective, complied and will comply in all material respects with the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. As of the Applicable Time, the Time of Sale Prospectus (including any preliminary prospectus wrapper) did not, and at the First Closing Date (as defined in Section 2) and at each applicable Option Closing Date (as defined in Section 2), will not, contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Prospectus (including any Prospectus wrapper), as of its date, did not, and at the First Closing Date and at each applicable Option Closing Date, will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The representations and warranties set forth in the three immediately preceding sentences do not apply to statements in or omissions from the Registration Statement or any post-effective amendment thereto, or the Prospectus or the Time of Sale Prospectus, or any amendments or supplements thereto, made in reliance upon and in conformity with written information relating to any Underwriter furnished to the Company in writing by the Representatives expressly for use therein, it being understood and agreed that the only such information consists of the information described in Section 9(b) below. There are no contracts or other documents required to be described in the Time of Sale Prospectus or the Prospectus or to be filed as an exhibit to the Registration Statement which have not been described or filed as required.

(c) **Free Writing Prospectuses; Road Show.** As of the determination date referenced in Rule 164(h) under the Securities Act, the Company was not, is not or will not be (as applicable) an “ineligible

issuer” in connection with the offering of the Offered Shares pursuant to Rules 164, 405 and 433 under the Securities Act. Each free writing prospectus that the Company is required to file pursuant to Rule 433(d) under the Securities Act has been, or will be, filed with the Commission in accordance with the requirements of the Securities Act. Each free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) under the Securities Act or that was prepared by or on behalf of or used or referred to by the Company complies or will comply in all material respects with the requirements of Rule 433 under the Securities Act, including timely filing with the Commission or retention where required and legending, and each such free writing prospectus, as of its issue date and at all subsequent times through the completion of the public offer and sale of the Offered Shares did not, does not and will not include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement, the Prospectus or any preliminary prospectus and not superseded or modified. Except for the free writing prospectuses, if any, identified in Schedule B, and electronic road shows, if any, furnished to you before first use, the Company has not prepared, used or referred to, and will not, without your prior written consent, prepare, use or refer to, any free writing prospectus. Each Road Show, when considered together with the Time of Sale Prospectus, did not, as of the Applicable Time, contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(d) *Distribution of Offering Material By the Company.* Prior to the later of (i) the expiration or termination of the option granted to the several Underwriters in Section 2 and (ii) the completion of the Underwriters’ distribution of the Offered Shares, the Company has not distributed and will not distribute any offering material in connection with the offering and sale of the Offered Shares other than the Registration Statement, the Time of Sale Prospectus, the Prospectus or any free writing prospectus reviewed and consented to by the Representatives, the free writing prospectuses, if any, identified on Schedule B hereto and any Permitted Section 5(d) Communications.

(e) *The Underwriting Agreement.* This Agreement has been duly authorized, executed and delivered by the Company.

(f) *Authorization of the Offered Shares.* The Offered Shares have been duly authorized for issuance and sale pursuant to this Agreement and, when issued and delivered by the Company against payment therefor pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and the issuance and sale of the Offered Shares is not subject to any preemptive rights, rights of first refusal or other similar rights to subscribe for or purchase the Offered Shares which have not been duly excluded, waived or satisfied. Upon the sale and delivery to the Underwriters of the Offered Shares, and payment therefor, the Underwriters will acquire good, marketable and valid title to such Offered Shares, free and clear of all pledges, liens, security interests, charges, claims or encumbrances.

(g) *No Applicable Registration or Other Similar Rights.* Except as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, there are no persons with registration or other similar rights to have any equity or debt securities registered for sale under the Registration Statement or included in the offering contemplated by this Agreement, except for such rights as have been duly withdrawn or waived.

(h) *No Material Adverse Change.* Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, subsequent to the respective dates as of which information is given in the Registration Statement, the Time of Sale Prospectus and the Prospectus:

(i) there has been no material adverse change, or any development that could reasonably be expected to result in a material adverse change, in the condition, financial or otherwise, or in the earnings, business, properties, operations, assets, liabilities or prospects, whether or not arising from transactions in the ordinary course of business, of the Company and its subsidiaries, considered as one entity (any such change being referred

to herein as a “**Material Adverse Change**”); (ii) the Company and its subsidiaries, considered as one entity, have not incurred any material liability or obligation, indirect, direct or contingent, including without limitation any losses or interference with its business from fire, explosion, flood, earthquakes, accident or other calamity, whether or not covered by insurance, or from any strike, labor dispute or court or governmental action, order or decree, that are material, individually or in the aggregate, to the Company and its subsidiaries, considered as one entity, or have entered into any material transactions not in the ordinary course of business; and (iii) there has not been any material decrease in the capital stock or any material increase in any short-term or long-term indebtedness of the Company or its subsidiaries and there has been no dividend or distribution of any kind declared, paid or made by the Company or, except for dividends paid to the Company or other subsidiaries, by any of the Company’s subsidiaries on any class of capital stock, or any repurchase or redemption by the Company or any of its subsidiaries of any class of capital stock.

(i) **Independent Accountants.** KPMG AG Wirtschaftsprüfungsgesellschaft, which has expressed its opinion with respect to the financial statements (which term as used in this Agreement includes the related notes thereto) filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus, is (i) an independent registered public accounting firm as required by the Securities Act, the Exchange Act and the rules of the Public Company Accounting Oversight Board (“**PCAOB**”), (ii) in compliance with the applicable requirements relating to the qualification of accountants under Rule 2-01 of Regulation S-X under the Securities Act and (iii) a registered public accounting firm as defined by the PCAOB whose registration has not been suspended or revoked and who has not requested such registration to be withdrawn.

(j) **Financial Statements.** The financial statements filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus present fairly, in all material respects, the consolidated financial position of the Company and its subsidiaries as of the dates indicated and the results of their operations, changes in shareholders’ equity and cash flows for the periods specified. Such financial statements have been prepared in conformity with International Financial Reporting Standards (“**IFRS**”) as issued by the International Accounting Standards Board (“**IASB**”) applied on a consistent basis throughout the periods involved, except as may be expressly stated in the related notes thereto or as otherwise disclosed therein, and, in the case of audited, interim financial statements, subject to normal year-end audit adjustments and the exclusion of certain footnotes. No other financial statements or supporting schedules are required to be included in the Registration Statement, the Time of Sale Prospectus or the Prospectus. The financial data set forth in each of the Registration Statement, the Time of Sale Prospectus and the Prospectus under the caption “Capitalization” present fairly, in all material respects, the information set forth therein on a basis consistent with that of the audited financial statements contained in the Registration Statement, the Time of Sale Prospectus and the Prospectus. All disclosures contained in the Registration Statement, any preliminary prospectus, the Prospectus and any free writing prospectus that constitute non-GAAP financial measures (as defined by the rules and regulations under the Securities Act and the Exchange Act comply with Regulation G under the Exchange Act and Item 10 of Regulation S-K under the Securities Act, as applicable. To the Company’s knowledge, no person who has been suspended or barred from being associated with a registered public accounting firm, or who has failed to comply with any sanction pursuant to Rule 5300 promulgated by the PCAOB, has participated in or otherwise aided the preparation of, or audited, the financial statements, supporting schedules or other financial data filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(k) **Company’s Accounting System.** The Company and each of its subsidiaries make and keep accurate books and records and maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management’s general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial

statements in conformity with IFRS as issued by the IASB and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences.

(l) Disclosure Controls and Procedures; Deficiencies in or Changes to Internal Control Over Financial Reporting. The Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-15 and 15d-15 under the Exchange Act), which (i) are designed to ensure that material information relating to the Company, including any consolidated subsidiaries, is made known to the Company's principal executive officer and its principal financial officer by others within those entities, particularly during the periods in which the periodic reports required under the Exchange Act are being prepared and (ii) are effective in all material respects to perform the functions for which they were established. Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, since the end of the Company's most recent audited fiscal year, there have been no significant deficiencies or material weaknesses in the Company's internal control over financial reporting (whether or not remediated) and no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. The Company is not aware of any change in the Company's internal control over financial reporting that has occurred during the Company's most recent fiscal quarter that has materially and adversely affected, or is reasonably likely to materially and adversely affect, the Company's internal control over financial reporting.

(m) Incorporation of the Company. The Company has been duly incorporated and is existing under the laws of the jurisdiction of its organization and has the corporate power and authority to own, lease and operate its properties and to conduct its business in accordance with its stated objectives in the articles of association as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus and to enter into and perform its obligations under this Agreement. The Company is duly qualified as a foreign corporation to transact business and is in good standing (where such concept exists) in each other jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business.

(n) Subsidiaries. Each of the Company's "subsidiaries" (for purposes of this Agreement, as defined in Rule 405 under the Securities Act) has been duly incorporated or organized, as the case may be, and is validly existing as a corporation, partnership or limited liability company, as applicable, in good standing (where such concept exists) under the laws of the jurisdiction of its incorporation or organization and has the power and authority (corporate or other) to own, lease and operate its properties and to conduct its business as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus. Each of the Company's subsidiaries is duly qualified as a foreign corporation, partnership or limited liability company, as applicable, to transact business and is in good standing in each jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business, except where the failure to be so qualified or in good standing (where such concept exists) could not, individually or in the aggregate, result in a material adverse effect on the condition (financial or other), earnings, business, properties, operations, assets, liabilities or prospects of the Company and its subsidiaries, considered as one entity (a "**Material Adverse Effect**"). All of the issued and outstanding capital stock or other equity or ownership interests of each of the Company's subsidiaries has been duly authorized and validly issued, is fully paid and nonassessable and is owned by the Company, directly or through subsidiaries, free and clear of any security interest, mortgage, pledge, lien, encumbrance or adverse claim. The Company does not own or control, directly or indirectly, any corporation, association or other entity other than the subsidiaries listed in or included as an exhibit to the Registration Statement.

(o) Capitalization and Other Share Capital Matters. The authorized, issued and outstanding share capital of the Company is as set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus under the caption “Capitalization” (other than for subsequent issuances, if any, pursuant to equity compensation plans or arrangements, or upon the exercise of outstanding phantom equity, rights to receive shares, options or conversion rights, in each case described in the Registration Statement, the Time of Sale Prospectus and the Prospectus). The share capital of the Company, including the Common Shares and the Offered Shares, conforms in all material respects to each description thereof contained in the Time of Sale Prospectus. All of the issued and outstanding Common Shares have been (except that all shares that are or may be issued pursuant to any equity compensation plan or arrangement, when vested or settled in accordance with the respective terms thereof, or that are issued upon the exercise of option or conversion rights, will be) duly authorized and validly issued, are fully paid and nonassessable and have been issued in compliance with all applicable securities laws. None of the outstanding Common Shares was issued in violation of any preemptive rights, rights of first refusal or other similar rights to subscribe for or purchase securities of the Company. There are no authorized or outstanding phantom equity, rights to receive shares, options, conversion rights, warrants, preemptive rights, rights of first refusal or other rights to purchase, or equity or debt securities convertible into or exchangeable or exercisable for or that can be settled in, any share capital of the Company or any of its subsidiaries other than those described in the Registration Statement, the Time of Sale Prospectus and the Prospectus. The descriptions of the Company’s equity compensation plans or arrangements, and the phantom equity, rights to receive shares, options or other rights granted thereunder, set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus accurately and fairly presents the information required to be shown with respect to such plans, arrangements, equity, options and rights.

(p) Stock Exchange Listing. The Offered Shares are registered pursuant to Section 12(b) or 12(g) of the Exchange Act and are listed on The Nasdaq Global Market (the “NASDAQ”), and the Company has taken no action designed to, or likely to have the effect of, terminating the registration of the Offered Shares under the Exchange Act or delisting the Offered Shares from the NASDAQ, nor has the Company received any notification that the Commission or the NASDAQ is contemplating terminating such registration or listing. To the Company’s knowledge, it is in compliance with all applicable listing requirements of NASDAQ.

(q) Non-Contravention of Existing Instruments; No Further Authorizations or Approvals Required. Neither the Company nor any of its subsidiaries is in violation of its articles of association or similar organizational documents, or is in default (or, with the giving of notice or lapse of time, would be in default) (“**Default**”) under any indenture, loan, credit agreement, note, lease, license agreement, contract, franchise or other instrument (including, without limitation, any pledge agreement, security agreement, mortgage or other instrument or agreement evidencing, guaranteeing, securing or relating to indebtedness) to which the Company or any of its subsidiaries is a party or by which it or any of them may be bound, or to which any of their respective properties or assets are subject (each, an “**Existing Instrument**”), except for such Defaults as would not be reasonably expected, individually or in the aggregate, to have a Material Adverse Effect. The Company’s execution, delivery and performance of this Agreement, consummation of the transactions contemplated hereby and by the Registration Statement, the Time of Sale Prospectus and the Prospectus and the issuance and sale of the Offered Shares (including the use of proceeds from the sale of the Offered Shares as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus under the caption “Use of Proceeds”) (i) have been duly authorized by all necessary corporate action and will not result in any violation of the provisions of the articles of association or by-laws, partnership agreement or operating agreement or similar organizational documents, as applicable, of the Company or any subsidiary (ii) will not conflict with or constitute a breach of, or Default or a Debt Repayment Triggering Event (as defined below) under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company or any of its subsidiaries pursuant to, or require the consent of any other party to, any Existing Instrument and (iii) will not result in any violation

of any law, administrative regulation or administrative or court decree applicable to the Company or any of its subsidiaries, except as to clause (ii) and (iii) above as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. No consent, approval, authorization or other order of, or registration or filing with, any court or other governmental or regulatory authority or agency, is required for, or in connection with, the Company's execution, delivery and performance of this Agreement and consummation of the transactions contemplated hereby and by the Registration Statement, the Time of Sale Prospectus and the Prospectus, except such as have been obtained or made by the Company and are in full force and effect under the Securities Act and such as may be required under applicable state securities or blue sky laws or the Financial Industry Regulatory Authority, Inc. ("FINRA"). As used herein, a "Debt Repayment Triggering Event" means any event or condition which gives, or with the giving of notice or lapse of time would give, the holder of any note, debenture or other evidence of indebtedness (or any person acting on such holder's behalf) the right to require the repurchase, redemption or repayment of all or a portion of such indebtedness by the Company or any of its subsidiaries.

(r) Compliance with Laws. The Company and its subsidiaries have been and are in compliance with all applicable laws, rules and regulations, except where failure to be so in compliance could not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

(s) No Material Actions or Proceedings. There is no action, suit, proceeding, inquiry or investigation brought by or before any governmental entity now pending or, to the knowledge of the Company, threatened, against or affecting the Company or any of its subsidiaries, which could reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect or materially and adversely affect the consummation of the transactions contemplated by this Agreement or the performance by the Company of its obligations hereunder; and the aggregate of all pending legal or governmental proceedings to which the Company or any such subsidiary is a party or of which any of their respective properties or assets is the subject, including ordinary routine litigation incidental to the business, if determined adversely to the Company, could not reasonably be expected to have a Material Adverse Effect. There is no material labor dispute with the employees of the Company or any of its subsidiaries, or, to the knowledge of the Company, threatened against the Company or any of its subsidiaries, which could reasonably be expected to have a Material Adverse Effect.

(t) Intellectual Property Rights. The Company and its subsidiaries own, or have obtained valid and enforceable licenses for, the inventions, patent applications, patents, trademarks, trade names, service names, copyrights, trade secrets and other intellectual property (1) described in the Registration Statement, the Time of Sale Prospectus and the Prospectus as being owned or licensed by them or (2) which are necessary for the conduct of their respective businesses as currently conducted or as currently proposed in the Registration Statement, the Time of Sale Prospectus and the Prospectus to be conducted (collectively, "Intellectual Property") except in the case of clause (2) where the failure to own, possess or acquire such rights would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Except as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus or as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, to the Company's knowledge: (i) there are no third parties who have rights to any Intellectual Property owned by or exclusively licensed to the Company or any of its subsidiaries, except for customary reversionary rights of third-party licensors; and (ii) there is no infringement by third parties of any Intellectual Property. Except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, there is no pending or, to the Company's knowledge, threatened action, suit, proceeding or claim by others: (A) challenging the Company's or any of its subsidiaries' rights in or to any Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim; (B) challenging the validity, enforceability or scope of any Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim; or (C) asserting that the Company or any of its subsidiaries infringes or otherwise

violates, or would, upon the commercialization of any product or service described in the Registration Statement, the Time of Sale Prospectus or the Prospectus as under development, infringe or violate, any patent, trademark, trade name, service name, copyright, trade secret or other proprietary rights of others, and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim. Except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, the Company and its subsidiaries have complied with the terms of each agreement pursuant to which Intellectual Property has been licensed to the Company or any subsidiary, and all such agreements are in full force and effect. The product candidates described in the Registration Statement, the Time of Sale Prospectus and the Prospectus as under development by the Company or any of its subsidiaries fall within the scope of the claims of one or more patents owned by, or exclusively licensed to, the Company or any of its subsidiaries.

(u) All Necessary Permits, etc. The Company and its subsidiaries possess such valid and current certificates, authorizations or permits required by state, federal or foreign regulatory agencies or bodies to conduct their respective businesses as currently conducted and as described in the Registration Statement, the Time of Sale Prospectus or the Prospectus (“**Permits**”) except where the failure to possess any such certificate, authorization or permit would not reasonably be expected to have a Material Adverse Effect. Neither the Company nor any of its subsidiaries is in violation of, or in default under, any of the Permits or has received any notice of proceedings relating to the revocation or modification of, or non-compliance with, any such certificate, authorization or permit, except where such revocation or modification would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(v) Title to Properties. The Company and its subsidiaries have good and marketable title to all of the real and personal property and other assets reflected as owned in the financial statements referred to in Section 1(j) above (or elsewhere in the Registration Statement, the Time of Sale Prospectus or the Prospectus), in each case free and clear of any security interests, mortgages, liens, encumbrances, equities, adverse claims and other defects, except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus or as could not reasonably be expected, individually or in the aggregate, to affect materially the value of such property and does not materially interfere with the use made or proposed to be made of such real and personal property and other assets by the Company and its subsidiaries or as could not reasonably be expected to have a Material Adverse Effect. The real property, improvements, equipment and personal property held under lease by the Company or any of its subsidiaries are held under valid and enforceable leases, with such exceptions as are not material and do not materially interfere with the use made or proposed to be made of such real property, improvements, equipment or personal property by the Company or such subsidiary.

(w) Tax Law Compliance. The Company and its subsidiaries have filed all necessary federal, state and foreign income and franchise tax returns or have properly requested extensions thereof and have paid all taxes required to be paid by any of them and, if due and payable, any related or similar assessment, fine or penalty levied against any of them except (i) as may be being contested in good faith and by appropriate proceedings or (ii) where the failure to file or pay could not, individually or in the aggregate, have a Material Adverse Effect on the Company and its subsidiaries, taken as a whole. The Company has made adequate charges, accruals and reserves in the applicable financial statements referred to in Section 1(j) above in respect of all federal, state and foreign income and franchise taxes for all periods as to which the tax liability of the Company or any of its subsidiaries has not been finally determined. No transaction, stamp, capital or other issuance, registration, transaction, transfer or withholding tax or duty is payable in the Netherlands by or on behalf of the Underwriters to any taxing authority in connection with (i) the issuance, sale and delivery of the Offered Shares by the Company; (ii) the purchase from the Company, and the initial sale and delivery by the Underwriters of the Offered Shares to purchasers thereof; (iii) the holding or transfer of the Offered Shares; or (iv) the execution and delivery of this Agreement or any other document to be furnished hereunder.

(x) **Insurance.** Except as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, each of the Company and its subsidiaries are insured with policies in such amounts and with such deductibles and covering such risks as the Company reasonably deems adequate and customary for their businesses including, but not limited to, policies covering real and personal property owned or leased by the Company and its subsidiaries against theft, damage, destruction, acts of vandalism and earthquakes and policies covering the Company and its subsidiaries for product liability claims and clinical trial liability claims. The Company has no reason to believe that it or any of its subsidiaries will not be able (i) to renew its existing insurance coverage as and when such policies expire or (ii) to obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that could not reasonably be expected to have a Material Adverse Effect. Neither the Company nor any of its subsidiaries has been denied any insurance coverage which it has sought or for which it has applied.

(y) **Compliance with Environmental Laws.** Except as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus and except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect: (i) neither the Company nor any of its subsidiaries is in violation of any applicable federal, state, local or foreign statute, law, rule, regulation, ordinance, code, policy or rule of common law or any judicial or administrative interpretation thereof, including any judicial or administrative order, consent, decree or judgment, relating to pollution, the protection of human health (but solely as it relates to the environment or exposure to pollutants), the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata) or wildlife, including, without limitation, laws and regulations relating to the release or threatened release into the environment of chemicals, pollutants, contaminants, wastes, toxic substances, hazardous substances, petroleum or petroleum products (collectively, “**Hazardous Materials**”) or to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials (collectively, “**Environmental Laws**”); (ii) the Company and its subsidiaries have all permits, authorizations and approvals required to conduct their respective businesses under any applicable Environmental Laws and are each in compliance with their respective requirements; (iii) there are no pending or, to the Company’s knowledge, threatened administrative, regulatory or judicial actions, suits, demands, demand letters, claims, liens, notices of noncompliance or violation, investigation or proceedings related to any Environmental Law against the Company or any of its subsidiaries; and (iv) to the Company’s knowledge, there are no events or circumstances that might reasonably be expected to form the basis of an order for clean-up or remediation, or an action, suit or proceeding by any private party or governmental body or agency, against or affecting the Company or any of its subsidiaries relating to Hazardous Materials or any Environmental Laws.

(z) **Company Not an “Investment Company”; “Passive Foreign Investment Company.”** The Company is not, and will not be, either after receipt of payment for the Offered Shares or after the application of the proceeds therefrom as described under “Use of Proceeds” in the Registration Statement, the Time of Sale Prospectus or the Prospectus, required to register as an “investment company” under the Investment Company Act of 1940, as amended (the “**Investment Company Act**”). Based on certain estimates, including as to the relative values of its assets, the Company believes that it was likely not a passive foreign investment company, within the meaning of Section 1297 of the Internal Revenue Code of 1986, as amended, for its 2018 taxable year.

(aa) **No Price Stabilization or Manipulation; Compliance with Regulation M.** Neither the Company nor any of its subsidiaries has taken, directly or indirectly (without giving any effect to the activities by the Underwriters), any action designed to or that might cause or result in stabilization or

manipulation of the price of the Offered Shares or of any “reference security” (as defined in Rule 100 of Regulation M under the Exchange Act (“**Regulation M**”)) with respect to the Offered Shares, whether to facilitate the sale or resale of the Offered Shares or otherwise, and has taken no action which would directly or indirectly violate Regulation M.

(bb) Related-Party Transactions. There are no business relationships or related-party transactions involving the Company or any of its subsidiaries or any other person required to be described in the Registration Statement, the Time of Sale Prospectus or the Prospectus that have not been described as required.

(cc) FINRA Matters. All of the information provided to the Underwriters or to counsel for the Underwriters by the Company, its counsel, its officers and directors and, to the Company’s knowledge, the holders of any securities (debt or equity) or options to acquire any securities of the Company in connection with the offering of the Offered Shares is true, complete, correct and compliant with FINRA’s rules in all material respects and any letters, filings or other supplemental information provided to FINRA by the Company pursuant to FINRA Rules or NASD Conduct Rules is true, complete and correct in all material respects.

(dd) Parties to Lock-Up Agreements. The Company has furnished to the Underwriters a letter agreement in the form attached hereto as Exhibit A (the “**Lock-up Agreement**”) from each of the persons listed on Exhibit B. Such Exhibit B lists under an appropriate caption the directors and executive officers of the Company. If any additional persons shall become directors or executive officers of the Company prior to the end of the Company Lock-up Period (as defined below), the Company shall cause each such person, prior to or contemporaneously with their appointment or election as a director or executive officer of the Company, to execute and deliver to Jefferies and Leerink a Lock-up Agreement.

(ee) Statistical and Market-Related Data. All statistical, demographic and market-related data included in the Registration Statement, the Time of Sale Prospectus or the Prospectus are based on or derived from sources that the Company believes to be reliable and accurate in all material respects. To the extent required, the Company has obtained the written consent to the use of such data from such sources.

(ff) No Unlawful Contributions or Other Payments. Neither the Company nor any of its subsidiaries nor, to the Company’s knowledge, any employee or agent of the Company or any subsidiary, has made any contribution or other payment to any official of, or candidate for, any federal, state or foreign office in violation of any law or of the character required to be disclosed in the Registration Statement, the Time of Sale Prospectus or the Prospectus.

(gg) Foreign Corrupt Practices Act. Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, any director, officer, agent, employee, affiliate or other person acting on behalf of the Company or any of its subsidiaries has, in the course of its actions for, or on behalf of, the Company or any of its subsidiaries (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expenses relating to political activity; (ii) made any direct or indirect unlawful payment to any domestic government official, “foreign official” (as defined in the U.S. Foreign Corrupt Practices Act of 1977, as amended, and the rules and regulations thereunder (collectively, the “**FCPA**”) or employee from corporate funds; (iii) violated or is in violation of any provision of the FCPA or any applicable non-U.S. anti-bribery statute or regulation; or (iv) made any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment to any domestic government official, such foreign official or employee; and the Company and its subsidiaries and, to the knowledge of the Company, the Company’s affiliates have conducted their respective businesses in compliance with the FCPA and will institute as of the First Closing Date and maintain policies and procedures designed to promote and achieve continued compliance therewith.

(hh) Money Laundering Laws. The operations of the Company and its subsidiaries are, and have been conducted at all times, in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all applicable jurisdictions, the rules and regulations thereunder and any related or similar applicable rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “**Money Laundering Laws**”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(ii) OFAC. Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, after due inquiry, any director, officer, agent, employee, affiliate or person acting on behalf of the Company or any of its subsidiaries is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department (“**OFAC**”); and the Company will not directly or indirectly use the proceeds of this offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, or any joint venture partner or other person or entity, for the purpose of financing the activities of or business with any person, or impermissibly in any country or territory, that currently is the subject to any U.S. sanctions administered by OFAC or in any other manner that will result in a violation by any person (including any person participating in the transaction whether as underwriter, advisor, investor or otherwise) of U.S. sanctions administered by OFAC.

(jj) Brokers. Except pursuant to this Agreement and except as disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, there is no broker, finder or other party that is entitled to receive from the Company any brokerage or finder’s fee or other fee or commission as a result of any transactions contemplated by this Agreement.

(kk) Submission to Jurisdiction. The Company has the power to submit, and pursuant to Section 18 of this Agreement, has legally, validly, effectively and irrevocably submitted, to the personal jurisdiction of each United States federal court and New York state court located in the Borough of Manhattan, in the City of New York, New York, U.S.A. (each, a “**New York Court**”), and the Company has the power to designate, appoint and authorize, and pursuant to Section 18 of this Agreement, has legally, validly, effectively and irrevocably designated, appointed and authorized an agent for service of process in any action arising out of or relating to this Agreement or the Offered Shares in any New York Court, and service of process effected on such authorized agent will be effective to confer valid personal jurisdiction over the Company as provided in Section 18 hereof.

(ll) No Rights of Immunity. Except as provided by laws or statutes generally applicable to transactions of the type described in this Agreement, neither the Company nor any of its respective properties, assets or revenues has any right of immunity under the laws of the Netherlands, New York or United States law, from any legal action, suit or proceeding, from the giving of any relief in any such legal action, suit or proceeding, from set-off or counterclaim, from the jurisdiction of any Netherlands, New York or United States federal court, from service of process, attachment upon or prior judgment, or attachment in aid of execution of judgment, or from execution of a judgment, or other legal process or proceeding for the giving of any relief or for the enforcement of a judgment, in any such court, with respect to its obligations, liabilities or any other matter under or arising out of or in connection with this Agreement. To the extent that the Company or any of its respective properties, assets or revenues may have or may hereafter become entitled to any such right of immunity in any such court in which proceedings may at any time be commenced, the Company waives or will waive such right to the extent permitted by law and has consented to such relief and enforcement as provided in Section 18 of this Agreement.

(mm) Forward-Looking Statements. Each financial or operational projection or other “forward-looking statement” (as defined by Section 27A of the Securities Act or Section 21E of the Exchange Act) contained in the Registration Statement, the Time of Sale Prospectus or the Prospectus (i) was so included by the Company in good faith and with reasonable basis after due consideration by the Company of the underlying assumptions, estimates and other applicable facts and circumstances and (ii) is accompanied by meaningful cautionary statements identifying those factors that could cause actual results to differ materially from those in such forward-looking statement. No such statement was made with the knowledge of an executive officer or director of the Company that is was false or misleading.

(nn) Foreign Private Issuer. The Company is a “foreign private issuer” within the meaning of Rule 405 under the Securities Act.

(oo) Emerging Growth Company Status. The Company is an “emerging growth company,” as defined in Section 2(a)(19) of the Securities Act (an “**Emerging Growth Company**”). The Company will no longer qualify as an Emerging Growth Company, commencing December 31, 2019.

(pp) Communications. The Company (i) has not alone engaged in communications with potential investors in reliance on Section 5(d) of the Securities Act other than Permitted Section 5(d) Communications with the consent of the Representatives with entities that are QIBs or IAI and (ii) has not authorized anyone other than the Representatives to engage in such communications; the Company reconfirms that the Representatives have been authorized to act on its behalf in undertaking Marketing Materials, Section 5(d) Oral Communications and Section 5(d) Written Communications; as of the Applicable Time, each Permitted Section 5(d) Communication, when considered together with the Time of Sale Prospectus, did not, as of the Applicable Time, include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and each Permitted Section 5(d) Communication, if any, does not, as of the date hereof, conflict with the information contained in the Registration Statement, the Preliminary Prospectus and the Prospectus; provided that the Company makes no representation or warranty with respect to any statements or omissions made in each such Permitted Section 5(d) Communication in reliance upon and in conformity with written information furnished to the Company in writing by the Representatives expressly for use in such Permitted Section 5(d) Communication, it being understood and agreed that the only such information furnished by the Representatives consists of the information described as such in Section 9(b) hereof.

(qq) Clinical Data and Regulatory Compliance. The preclinical tests and clinical trials conducted or sponsored by the Company (collectively, “**studies**”) that are described in, or the results of which are referred to in, the Registration Statement, the Time of Sale Prospectus or the Prospectus were and, if still pending, are, to the Company’s knowledge, being conducted in all material respects in accordance with the protocols, procedures and controls designed and approved for such studies and with standard medical and scientific research procedures; each description of the results of such studies is reasonably accurate and complete in all material respects in the context of the experimental set-up and fairly presents the data derived from such studies within the limits of interpretation by people trained in the trade, and the Company and its subsidiaries have no knowledge of any other studies the results of which are inconsistent with, or otherwise call into question, the results described or referred to in the Registration Statement, the Time of Sale Prospectus or the Prospectus; the Company and its subsidiaries have made all such filings and obtained all such approvals as may be required by the Food and Drug Administration of the U.S. Department of Health and Human Services or any committee thereof or from any other U.S. or foreign government or drug or medical device regulatory agency, or health care facility Institutional Review Board (collectively, the “**Regulatory Agencies**”) for the operation of the Company’s business as currently conducted, except as could not be expected, individually or in the aggregate, to have a Material Adverse Effect; neither the Company nor any of its subsidiaries has received any notice of, or correspondence from,

any Regulatory Agency requiring the termination, suspension or modification of any clinical trials that are described or referred to in the Registration Statement, the Time of Sale Prospectus or the Prospectus; and the Company and its subsidiaries have each operated and currently are in compliance in all material respects with all applicable rules and regulations of the Regulatory Agencies, except as could not be expected, individually or in the aggregate, to have a Material Adverse Effect.

(rr) No Rights to Purchase Preferred Stock. The issuance and sale of the Offered Shares as contemplated hereby will not cause any holder of any share capital, securities convertible into or exchangeable or exercisable for share capital or options, warrants or other rights to purchase share capital or any other securities of the Company to have any right to acquire any shares of preferred stock of the Company.

(ss) No Contract Terminations. Neither the Company nor any of its subsidiaries has sent or received any communication regarding termination of, or intent not to renew, any of the contracts or agreements referred to or described in any preliminary prospectus, the Prospectus or any free writing prospectus, or referred to or described in, or filed as an exhibit to, the Registration Statement, and no such termination or non-renewal has been threatened by the Company or any of its subsidiaries or, to the Company's knowledge, any other party to any such contract or agreement, which threat of termination or non-renewal has not been rescinded as of the date hereof, except where such termination or non-renewal could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(tt) Dividend Restrictions. Other than as prohibited or restricted by law, no subsidiary of the Company is prohibited or restricted, directly or indirectly, from paying dividends to the Company, or from making any other distribution with respect to such subsidiary's equity securities or from repaying to the Company or any other subsidiary of the Company any amounts that may from time to time become due under any loans or advances to such subsidiary from the Company or from transferring any property or assets to the Company or to any other subsidiary.

(uu) IT Systems and Personal Data. (i)(x) To the Company's knowledge, there has been no security breach or other compromise of or relating to any of the Company's or its subsidiaries' information technology and computer systems, networks, hardware, software, data (including personal data of their respective customers, employees, suppliers, vendors and any third-party personal data processed by or on behalf of any of the Company's or its subsidiaries' contractors), equipment or technology (collectively, "**IT Systems and Personal Data**") and (y) to the Company's knowledge, the Company and its subsidiaries have not been notified of, and have no knowledge of any event or condition that would reasonably be expected to result in, any security breach or other compromise to their IT Systems and Personal Data, (ii) the Company and its subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Personal Data and to the protection of such IT Systems and Personal Data from unauthorized use, access, misappropriation or modification, except as would not, in the case of clause (i) and (ii), individually or in the aggregate, have a Material Adverse Effect, and (iii) the Company and its subsidiaries have implemented security, backup and disaster recovery technology consistent in all material respects with industry standards and practices.

Any certificate signed by any officer of the Company or any of its subsidiaries and delivered to any Underwriter or to counsel for the Underwriters in connection with the offering, or the purchase and sale, of the Offered Shares shall be deemed a representation and warranty by the Company to each Underwriter as to the matters covered thereby.

The Company has a reasonable basis for making each of the representations set forth in this Section 1. The Company acknowledges that the Underwriters and, for purposes of the opinions to be delivered pursuant to Section 6 hereof, counsel to the Company and counsel to the Underwriters, will rely upon the accuracy and truthfulness of the foregoing representations and hereby consents to such reliance.

Section 2. Purchase, Sale and Delivery of the Offered Shares.

(a) **The Firm Shares.** Upon the terms herein set forth, the Company agrees to issue and sell to the several Underwriters an aggregate of 12,000,000 Firm Shares. On the basis of the representations, warranties and agreements herein contained, and upon the terms but subject to the conditions herein set forth, the Underwriters agree, severally and not jointly, to purchase from the Company the respective number of Firm Shares set forth opposite their names on Schedule A. The purchase price per Firm Share to be paid by the several Underwriters to the Company shall be \$2.35 per share.

(b) **The First Closing Date.** Delivery of the Firm Shares to be purchased by the Underwriters shall be made through the facilities of The Depository Trust Company (“DTC”) unless the Representatives shall otherwise instruct. Payment for the Firm Shares shall be made by wire transfer in immediately available funds to the account specified by the Company to the Representatives. Payment for the Firm Shares shall be made against delivery to the Representatives for the accounts of the several Underwriters of the Firm Shares on November 13, 2019, or such other time and date not later than 1:30 p.m. New York City time, on November 20, 2019 as the Representatives shall designate by notice to the Company (the time and date of such closing are called the “**First Closing Date**”). The Company hereby acknowledges that circumstances under which the Representatives may provide notice to postpone the First Closing Date as originally scheduled include, but are not limited to, any determination by the Company or the Representatives to recirculate to the public copies of an amended or supplemented Prospectus or a delay as contemplated by the provisions of Section 11.

(c) **The Optional Shares; Option Closing Date.** In addition, on the basis of the representations, warranties and agreements herein contained, and upon the terms but subject to the conditions herein set forth, the Company hereby grants an option to the several Underwriters to purchase, severally and not jointly, up to an aggregate of 1,800,000 Optional Shares from the Company at the purchase price per share to be paid by the Underwriters for the Firm Shares, less an amount per share equal to any dividend or distribution declared by the Company and payable on the Firm Shares but not payable on Optional Shares. The option granted hereunder may be exercised at any time and from time to time in whole or in part upon notice by the Representatives to the Company, which notice may be given at any time within 30 days from the date of this Agreement. Such notice shall set forth (i) the aggregate number of Optional Shares as to which the Underwriters are exercising the option and (ii) the time, date and place at which the Optional Shares will be delivered (which time and date may be simultaneous with, but not earlier than, the First Closing Date; and in the event that such time and date are simultaneous with the First Closing Date, the term “**First Closing Date**” shall refer to the time and date of delivery of the Firm Shares and such Optional Shares). Any such time and date of delivery, if subsequent to the First Closing Date, is called an “**Option Closing Date**,” shall be determined by the Representatives and shall not be earlier than three or later than five full business days after delivery of such notice of exercise. Payment and delivery of any Optional Shares shall occur in the same manner as the payment and delivery of the Firm Shares. If any Optional Shares are to be purchased, each Underwriter agrees, severally and not jointly, to purchase the number of Optional Shares (subject to such adjustments to eliminate fractional shares as the Representatives may determine) that bears the same proportion to the total number of Optional Shares to be purchased as the number of Firm Shares set forth on Schedule A opposite the name of such Underwriter bears to the total number of Firm Shares. The Representatives may cancel the option at any time prior to its expiration by giving written notice of such cancellation to the Company.

(d) Public Offering of the Offered Shares. The Representatives hereby advise the Company that the Underwriters intend to offer for sale to the public, initially on the terms set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus, their respective portions of the Offered Shares as soon after this Agreement has been executed as the Representatives, in their sole judgment, have determined is advisable and practicable.

(e) Payment for the Offered Shares. (i) Payment for the Offered Shares shall be made at the First Closing Date (and, if applicable, at each Option Closing Date) by wire transfer of immediately available funds to the order of the Company.

(ii) It is understood that the Representatives have been authorized, for their own account and the accounts of the several Underwriters, to accept delivery of and receipt for, and make payment of the purchase price for, the Firm Shares and any Optional Shares the Underwriters have agreed to purchase. Each of Jefferies and Leerink, individually and not as the representatives of the Underwriters, may (but shall not be obligated to) make payment for any Offered Shares to be purchased by any Underwriter whose funds shall not have been received by the Representatives by the First Closing Date or the applicable Option Closing Date, as the case may be, for the account of such Underwriter, but any such payment shall not relieve such Underwriter from any of its obligations under this Agreement.

(iii) *Delivery of the Offered Shares.* The delivery of the Firm Shares and, if applicable, the Optional Shares shall be made through the facilities of DTC unless the Representatives shall otherwise instruct. The Company shall deliver, or cause to be delivered to the Representatives for the accounts of the several Underwriters the Firm Shares to be sold by them at the First Closing Date, against release of a wire transfer of immediately available funds for the amount of the purchase price therefor to an account specified by the Company to the Representatives. The Company shall also deliver, or cause to be delivered to the Representatives for the accounts of the several Underwriters, the Optional Shares the Underwriters have agreed to purchase from them at the First Closing Date or the applicable Option Closing Date, as the case may be, against the release of a wire transfer of immediately available funds for the amount of the purchase price therefor to an account specified by the Company to the Representatives.

Section 3. Additional Covenants of the Company. The Company further covenants and agrees with each Underwriter as follows:

(a) Delivery of Registration Statement, Time of Sale Prospectus and Prospectus. The Company shall furnish to you in New York City, without charge, prior to 10:00 a.m. New York City time on the second business day after the date of this Agreement and during the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) in connection with sales of the Offered Shares, as many copies of the Time of Sale Prospectus, the Prospectus and any supplements and amendments thereto or to the Registration Statement as you may reasonably request.

(b) Representatives' Review of Proposed Amendments and Supplements. During the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule), the Company (i) will furnish to the Representatives for review, a reasonable period of time prior to the proposed time of filing of any proposed amendment or supplement to the Registration Statement, a copy of each such amendment or supplement and (ii) will not amend or supplement the Registration Statement (including, in each case, any amendment or supplement through incorporation of any report filed under the Exchange Act) without the Representatives' prior written consent, which shall not be unreasonably withheld, conditioned or delayed. Prior to amending or supplementing any preliminary prospectus, the Time of Sale Prospectus or the Prospectus (including, in each case, any amendment or supplement through incorporation

of any report filed under the Exchange Act), the Company shall furnish to the Representatives for review, a reasonable amount of time prior to the time of filing or use of the proposed amendment or supplement, a copy of each such proposed amendment or supplement. The Company shall not file or use any such proposed amendment or supplement without the Representatives' prior written consent, which shall not be unreasonably withheld, conditioned or delayed. The Company shall file with the Commission within the applicable period specified in Rule 424(b) under the Securities Act any prospectus required to be filed pursuant to such Rule.

(c) Free Writing Prospectuses. The Company shall furnish to the Representatives for review, a reasonable amount of time prior to the proposed time of filing or use thereof, a copy of each proposed free writing prospectus or any amendment or supplement thereto prepared by or on behalf of, used by, or referred to by the Company, and the Company shall not file, use or refer to any proposed free writing prospectus or any amendment or supplement thereto without the Representatives' prior written consent, which shall not be unreasonably withheld. The Company shall furnish to each Underwriter, without charge, as many copies of any free writing prospectus prepared by or on behalf of, used by or referred to by the Company as such Underwriter may reasonably request. If at any time when a prospectus is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) in connection with sales of the Offered Shares (but in any event if at any time through and including the First Closing Date) there occurred or occurs an event or development as a result of which any free writing prospectus prepared by or on behalf of, used by, or referred to by the Company conflicted or would conflict with the information contained in the Registration Statement or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at such time, not misleading, the Company shall promptly amend or supplement such free writing prospectus to eliminate or correct such conflict so that the statements in such free writing prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at such time, not misleading, as the case may be; *provided, however*, that prior to amending or supplementing any such free writing prospectus, the Company shall furnish to the Representatives for review, a reasonable amount of time prior to the proposed time of filing or use thereof, a copy of such proposed amended or supplemented free writing prospectus, and the Company shall not file, use or refer to any such amended or supplemented free writing prospectus without the Representatives' prior written consent, which shall not be unreasonably withheld.

(d) Filing of Underwriter Free Writing Prospectuses. The Company shall not take any action that would result in an Underwriter or the Company being required to file with the Commission pursuant to Rule 433(d) under the Securities Act a free writing prospectus prepared by or on behalf of such Underwriter that such Underwriter otherwise would not have been required to file thereunder.

(e) Amendments and Supplements to Time of Sale Prospectus. If the Time of Sale Prospectus is being used to solicit offers to buy the Offered Shares at a time when the Prospectus is not yet available to prospective purchasers, and any event shall occur or condition exist as a result of which it is necessary to amend or supplement the Time of Sale Prospectus so that the Time of Sale Prospectus does not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when delivered to a prospective purchaser, not misleading, or if any event shall occur or condition exist as a result of which the Time of Sale Prospectus conflicts with the information contained in the Registration Statement, or if, in the opinion of counsel for the Underwriters, it is necessary to amend or supplement the Time of Sale Prospectus to comply with applicable law, the Company shall (subject to Section 3(b) and Section 3(c) hereof) promptly prepare, file with the Commission and furnish, at its own expense, to the Underwriters and to any dealer upon request, either amendments or supplements to the Time of Sale Prospectus so that the statements in the Time of Sale

Prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when delivered to a prospective purchaser, not misleading or so that the Time of Sale Prospectus, as amended or supplemented, will no longer conflict with the information contained in the Registration Statement, or so that the Time of Sale Prospectus, as amended or supplemented, will comply with applicable law.

(f) *Certain Notifications and Required Actions.* After the date of this Agreement, the Company shall promptly advise the Representatives in writing of: (i) the receipt of any comments of, or requests for additional or supplemental information from, the Commission; (ii) the time and date of any filing of any post-effective amendment to the Registration Statement or any amendment or supplement to any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus or the Prospectus; (iii) the time and date that any post-effective amendment to the Registration Statement becomes effective; and (iv) the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto or any amendment or supplement to any preliminary prospectus, the Time of Sale Prospectus or the Prospectus or of any order preventing or suspending the use of any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus or the Prospectus, or of any proceedings to remove, suspend or terminate from listing or quotation the Offered Shares from any securities exchange upon which they are listed for trading or included or designated for quotation, or, to the Company's knowledge, of the threatening or initiation of any proceedings for any of such purposes. If the Commission shall enter any such stop order at any time, the Company will use its best efforts to obtain the lifting of such order at the earliest possible moment. Additionally, the Company agrees that it shall comply with all applicable provisions of Rule 424(b), Rule 433 and Rule 430B under the Securities Act and will use its reasonable efforts to confirm that any filings made by the Company under Rule 424(b) or Rule 433 were received in a timely manner by the Commission.

(g) *Amendments and Supplements to the Prospectus and Other Securities Act Matters.* If any event shall occur or condition exist as a result of which it is necessary to amend or supplement the Prospectus so that the Prospectus does not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when the Prospectus is delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) to a purchaser, not misleading, or if in the opinion of the Representatives or counsel for the Underwriters it is otherwise necessary to amend or supplement the Prospectus to comply with applicable law, the Company agrees (subject to Section 3(b) and Section 3(c) hereof) to promptly prepare, file with the Commission and furnish, at its own expense, to the Underwriters and to any dealer upon request, amendments or supplements to the Prospectus so that the statements in the Prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when the Prospectus is delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) to a purchaser, not misleading or so that the Prospectus, as amended or supplemented, will comply with applicable law. Neither the Representatives' consent to, nor delivery of, any such amendment or supplement shall constitute a waiver of any of the Company's obligations under Section 3(b) or Section 3(c).

(h) *Blue Sky Compliance.* The Company shall cooperate with the Representatives and counsel for the Underwriters to qualify or register the Offered Shares for sale under (or obtain exemptions from the application of) the state securities or blue sky laws or Canadian provincial securities laws (or other foreign laws) of those jurisdictions reasonably designated by the Representatives, shall comply with such laws and shall continue such qualifications, registrations and exemptions in effect so long as required for the distribution of the Offered Shares. The Company shall not be required to qualify as a foreign corporation or to take any action that would subject it to general service of process in any such jurisdiction where it is

not presently qualified or where it would be subject to taxation as a foreign corporation. The Company will advise the Representatives promptly of the suspension of the qualification or registration of (or any such exemption relating to) the Offered Shares for offering, sale or trading in any jurisdiction or any initiation or threat of any proceeding for any such purpose, and in the event of the issuance of any order suspending such qualification, registration or exemption, the Company shall use its best efforts to obtain the withdrawal thereof at the earliest possible moment.

(i) **Use of Proceeds.** The Company shall apply the net proceeds from the sale of the Offered Shares sold by it in all material respects in the manner described under the caption "Use of Proceeds" in the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(j) **Earnings Statement.** The Company will make generally available to its security holders and to the Representatives as soon as practicable an earnings statement (which need not be audited) covering a period of at least twelve months beginning with the first fiscal quarter of the Company commencing after the date of this Agreement that will satisfy the provisions of Section 11(a) of the Securities Act and the rules and regulations of the Commission thereunder.

(k) **Continued Compliance with Securities Laws.** The Company will comply with the Securities Act and the Exchange Act so as to permit the completion of the distribution of the Offered Shares as contemplated by this Agreement, the Registration Statement, the Time of Sale Prospectus and the Prospectus. Without limiting the generality of the foregoing, the Company will, during the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule), file on a timely basis with the Commission and the NASDAQ all reports and documents required to be filed under the Exchange Act.

(l) **Listing.** The Company will use its best efforts to list, subject to notice of issuance, the Offered Shares on the NASDAQ.

(m) **Company to Provide Copy of the Prospectus in Form That May be Downloaded from the Internet.** If requested by the Representatives, the Company shall cause to be prepared and delivered, at its expense, within two business days from the effective date of this Agreement, to the Representatives an "electronic Prospectus" to be used by the Underwriters in connection with the offering and sale of the Offered Shares. As used herein, the term "electronic Prospectus" means a form of Time of Sale Prospectus, and any amendment or supplement thereto, that meets each of the following conditions: (i) it shall be encoded in an electronic format, reasonably satisfactory to the Representatives, that may be transmitted electronically by the Representatives and the other Underwriters to offerees and purchasers of the Offered Shares; (ii) it shall disclose the same information as the paper Time of Sale Prospectus, except to the extent that graphic and image material cannot be disseminated electronically, in which case such graphic and image material shall be replaced in the electronic Prospectus with a fair and accurate narrative description or tabular representation of such material, as appropriate; and (iii) it shall be in or convertible into a paper format or an electronic format, reasonably satisfactory to the Representatives, that will allow investors to store and have continuously ready access to the Time of Sale Prospectus at any future time, without charge to investors (other than any fee charged for subscription to the Internet as a whole and for on-line time). The Company hereby confirms that it has included or will include in the Prospectus filed pursuant to EDGAR or otherwise with the Commission and in the Registration Statement at the time it was declared effective an undertaking that, upon receipt of a request by an investor or his or her representative, the Company shall transmit or cause to be transmitted promptly, without charge, a paper copy of the Time of Sale Prospectus.

(n) **Agreement Not to Offer or Sell Additional Shares.** During the period commencing on and including the date hereof and continuing through and including the 90th day following the date of the Prospectus (such period being referred to herein as the “**Lock-up Period**”), the Company will not, without the prior written consent of Jefferies and Leerink (which consent may be withheld in their sole discretion), directly or indirectly: (i) sell, offer to sell, contract to sell or lend any capital stock of the Company (the “**Capital Stock**”) or Related Securities (as defined below); (ii) effect any short sale, or establish or increase any “put equivalent position” (as defined in Rule 16a-1(h) under the Exchange Act) or liquidate or decrease any “call equivalent position” (as defined in Rule 16a-1(b) under the Exchange Act) of any Capital Stock or Related Securities; (iii) pledge, hypothecate or grant any security interest in any Capital Stock or Related Securities; (iv) in any other way transfer or dispose of any Capital Stock or Related Securities; (v) enter into any swap, hedge or similar arrangement or agreement that transfers, in whole or in part, the economic risk of ownership of any Capital Stock or Related Securities, regardless of whether any such transaction is to be settled in securities, in cash or otherwise; (vi) announce the offering of any Capital Stock or Related Securities; (vii) file any registration statement under the Securities Act in respect of any Capital Stock or Related Securities (other than as contemplated by this Agreement with respect to the Offered Shares); (viii) effect a reverse stock split, recapitalization, share consolidation, reclassification or similar transaction affecting the outstanding Shares; or (ix) publicly announce the intention to do any of the foregoing; *provided, however*, that the Company may (A) effect the transactions contemplated hereby, (B) issue or grant shares, rights to receive shares, phantom equity settleable into shares or options to purchase shares, or issue shares upon settlement of phantom equity, vesting of a right to receive shares or exercise of options, pursuant to any equity compensation plans or arrangements described in the Registration Statement, the Time of Sale Prospectus and the Prospectus or any other equity compensation plan or arrangement, but only if the holders of such shares, phantom equity, rights to receive shares or options listed on Exhibit B agree in writing with the Underwriters not to sell, offer, dispose of or otherwise transfer any such shares, rights to receive shares, phantom equity or options during such Lock-up Period without the prior written consent of Jefferies and Leerink (which consent may be withheld in their sole discretion), except as allowed pursuant to the form of Lock-up Agreement on Exhibit A, (C) file any registration statement on Form S-8 or a successor form thereto, (D) issue securities issuable upon conversion of any convertible debt instruments or upon exercise of any warrants described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, (E) issue shares or other securities issued in connection with a transaction that includes a commercial relationship (including joint ventures, marketing or distribution arrangements, collaboration agreements or intellectual property license agreements) or any acquisition of assets or not less than a majority or controlling portion of the equity of another entity, *provided* that (x) the aggregate number of shares issued pursuant to this clause (E) shall not exceed 5.0% of the total number of outstanding shares immediately following the issuance and sale of the Offered Shares pursuant hereto and (y) the recipient of any such shares and securities issued pursuant to this clause (E) during the Lock-up Period shall enter into an agreement in writing with Jefferies and Leerink not to sell, offer, dispose of or otherwise transfer any such shares or securities during such Lock-up Period without the prior written consent of Jefferies and Leerink (which consent may be withheld in their sole discretion), and (F) issue and sell shares pursuant to any existing or future at-the-market sales agreement following the earlier to occur of (x) the Underwriters’ exercise in full of their option to purchase the Optional Shares as set forth in Section 2(c) and (y) the date that is 30 days following the date of the Prospectus. For purposes of the foregoing, “**Related Securities**” shall mean any options, phantom equity, warrants or other rights to acquire shares or any securities exchangeable or exercisable for or that are convertible or settle into shares, or to acquire other securities or rights ultimately exchangeable or exercisable for, or that are convertible or settle into, shares.

(o) **Future Reports to the Representatives.** During the period of five years hereafter, the Company will furnish to the Representatives, c/o Jefferies LLC, at 520 Madison Avenue, New York, New York 10022, Attention: Global Head of Syndicate and c/o SVB Leerink LLC, One Federal Street, 37th Floor, Boston, Massachusetts 02110, Attention: General Counsel: (i) as soon as practicable after the end of each fiscal year, copies of the Annual Report of the Company containing the balance sheet of the

Company as of the close of such fiscal year and statements of income, shareholders' equity and cash flows for the year then ended and the opinion thereon of the Company's independent public or certified public accountants; (ii) as soon as practicable after the filing thereof, copies of each Annual Report on Form 20-F, Report on Form 6-K or other report filed by the Company with the Commission or any securities exchange; and (iii) as soon as available, copies of any report or communication of the Company furnished or made available generally to holders of its capital stock; *provided, however*, that the requirements of this Section 3(o) shall be satisfied to the extent that such reports, statement, communications, financial statements or other documents are available on EDGAR.

(p) *Investment Limitation.* The Company shall not invest or otherwise use the proceeds received by the Company from its sale of the Offered Shares in such a manner as would require the Company or any of its subsidiaries to register as an investment company under the Investment Company Act.

(q) *No Stabilization or Manipulation; Compliance with Regulation M.* The Company will not take, and will ensure that no affiliate of the Company will take, directly or indirectly, any action designed to or that might cause or result in stabilization or manipulation of the price of the Offered Shares or any reference security with respect to the Offered Shares, whether to facilitate the sale or resale of the Offered Shares or otherwise, and the Company will, and shall cause each of its affiliates to, comply with all applicable provisions of Regulation M (it being understood that the Company makes no statement as to the activities of the Underwriters in connection with the offering).

(r) *Enforce Lock-Up Agreements.* During the Lock-up Period, the Company will use commercially reasonable efforts to enforce all agreements between the Company and any of its security holders that restrict or prohibit, expressly or in operation, the offer, sale or transfer of Common Shares or Related Securities or any of the other actions restricted or prohibited under the terms of the form of Lock-up Agreement. In addition, the Company will direct its transfer agents to place stop transfer restrictions upon any such securities of the Company that are bound by such "lock-up" agreements for the duration of the periods contemplated in such agreements, including, without limitation, "lock-up" agreements entered into by the Company's officers and directors pursuant to Section 6(m) hereof.

(s) *Company to Provide Interim Financial Statements.* Prior to the First Closing Date and each applicable Option Closing Date, the Company will furnish the Underwriters, as soon as practicable after they have been prepared by or are available to the Company, a copy of any unaudited quarterly interim financial statements of the Company for any period subsequent to the period covered by the most recent financial statements appearing in the Registration Statement and the Prospectus; provided, however, that the requirements of this Section 3(s) shall be satisfied to the extent that such financial statements are available on EDGAR.

(t) *Tax Indemnity.* The Company will indemnify and hold harmless the Underwriters against any documentary, stamp or similar issue tax, including any interest and penalties, on the creation, issue and sale to the Underwriters of the Offered Shares and on the execution and delivery of this Agreement.

(u) *Transfer Agent.* The Company agrees to maintain a transfer agent and, if necessary under the jurisdiction of organization of the Company, a registrar for the Common Shares.

(v) *Amendments and Supplements to Permitted Section 5(d) Communications.* If at any time following the distribution of any Permitted Section 5(d) Communication, there occurred or occurs an event or development as a result of which such Permitted Section 5(d) Communication included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances existing at that subsequent time, not

misleading, the Company will promptly notify the Representatives and will promptly amend or supplement, at its own expense, such Permitted Section 5(d) Communication to eliminate or correct such untrue statement or omission.

(w) **Emerging Growth Company Status.** The Company will promptly notify the Representatives if the Company ceases to be an Emerging Growth Company at any time prior to December 31, 2019.

The Representatives, on behalf of the several Underwriters, may, in their sole discretion, waive in writing the performance by the Company of any one or more of the foregoing covenants or extend the time for their performance.

Section 4. Payment of Expenses. The Company agrees to pay all costs, fees and expenses incurred in connection with the performance of their obligations hereunder and in connection with the transactions contemplated hereby, including without limitation (i) all expenses incident to the issuance, sale and delivery of the Offered Shares (including all printing and engraving costs) and any taxes payable in connection with the issuance and sale of the Offered Shares to the Underwriters, (ii) all fees and expenses of the registrar and transfer agent of the Common Shares, (iii) all fees and expenses of the Company's counsel, independent public or certified public accountants and other advisors, (iv) all costs and expenses incurred in connection with the preparation, printing, filing, shipping and distribution of the Registration Statement (including financial statements, exhibits, schedules, consents and certificates of experts), the Time of Sale Prospectus, the Prospectus, each free writing prospectus prepared by or on behalf of, used by, or referred to by the Company, and each preliminary prospectus, each Permitted Section 5(d) Communication, and all amendments and supplements thereto, and this Agreement, (v) all filing fees, attorneys' fees and expenses incurred by the Company or the Underwriters in connection with qualifying or registering (or obtaining exemptions from the qualification or registration of) all or any part of the Offered Shares for offer and sale under the state securities or blue sky laws or the provincial securities laws of Canada, and, if requested by the Representatives, preparing and printing a "Blue Sky Survey" or memorandum and a "Canadian wrapper", and any supplements thereto, advising the Underwriters of such qualifications, registrations and exemptions (such fees and expenses of counsel not to exceed \$10,000), (vi) the costs, fees and expenses incurred by the Underwriters in connection with determining their compliance with the rules and regulations of FINRA related to the Underwriters' participation in the offering and distribution of the Offered Shares, including any related filing fees and the legal fees of, and disbursements by, counsel to the Underwriters (such legal fees and expenses not to exceed \$15,000), (vii) the costs and expenses of the Company relating to investor presentations on any "road show", any Permitted Section 5(d) Communication or any Section 5(d) Oral Communication undertaken in connection with the offering of the Offered Shares, including, without limitation, expenses associated with the preparation or dissemination of any electronic road show, expenses associated with the production of road show slides and graphics, fees and expenses of any consultants engaged in connection with the road show presentations with the prior approval of the Company and travel and lodging expenses of the representatives, employees and officers of the Company and any such consultants, (viii) the fees and expenses associated with listing the Common Shares on the NASDAQ and (ix) all other fees, costs and expenses of the nature referred to under the heading "Expenses of the Offering" in the Registration Statement. Except as provided in this Section 4 or in Section 7, Section 9 or Section 10 hereof, the Underwriters shall pay their own expenses, including the fees and disbursements of their counsel, New York State stock transfer taxes payable on resale of any of the Shares by them, any advertising expenses connected with any offers they may make and the travel expenses of their own representatives in connection with any road show or Section 5(d) Oral Communication presentation to potential investors. Further, the Underwriters and the Company will each pay 50% of the costs of any jointly used chartered aircraft in the road show.

Section 5. Covenant of the Underwriters. Each Underwriter severally and not jointly covenants with the Company not to take any action that would result in the Company being required to file with the Commission pursuant to Rule 433(d) under the Securities Act a free writing prospectus prepared by or on behalf of such Underwriter that otherwise would not, but for such actions, be required to be filed by the Company under Rule 433(d).

Section 6. Conditions of the Obligations of the Underwriters. The respective obligations of the several Underwriters hereunder to purchase and pay for the Offered Shares as provided herein on the First Closing Date and, with respect to the Optional Shares, each Option Closing Date, shall be subject to the accuracy of the representations and warranties on the part of the Company set forth in Section 1 hereof as of the date hereof and as of the First Closing Date as though then made and, with respect to the Optional Shares, as of each Option Closing Date as though then made, to the timely performance by the Company of its covenants and other obligations hereunder, and to each of the following additional conditions:

(a) **Comfort Letter.** On the date hereof, the Representatives shall have received from KPMG AG Wirtschaftsprüfungsgesellschaft, independent registered public accountants for the Company, a letter dated the date hereof addressed to the Underwriters, in form and substance reasonably satisfactory to the Representatives, containing statements and information of the type ordinarily included in accountant's "comfort letters" to underwriters, delivered according to Auditing Standard No. 6101 (or any successor bulletin), with respect to the audited and unaudited financial statements and certain financial information contained in the Registration Statement, the Time of Sale Prospectus, and each free writing prospectus which is filed with the Commission, if any.

(b) Compliance with Registration Requirements; No Stop Order; No Objection from FINRA.

(i) The Company shall have filed the Prospectus with the Commission (including the information previously omitted from the Registration Statement pursuant to Rule 430B under the Securities Act) in the manner and within the time period required by Rule 424(b) under the Securities Act.

(ii) No stop order suspending the effectiveness of the Registration Statement or any post-effective amendment to the Registration Statement shall be in effect, and, to the knowledge of the Company, no proceedings for such purpose shall have been instituted or threatened by the Commission.

(iii) If a filing has been made with FINRA, FINRA shall have raised no objection to the fairness and reasonableness of the underwriting terms and arrangements.

(c) No Material Adverse Change or Ratings Agency Change. For the period from and after the date of this Agreement and through and including the First Closing Date and, with respect to any Optional Shares purchased after the First Closing Date, each Option Closing Date:

(i) in the judgment of the Representatives there shall not have occurred any Material Adverse Change; and

(ii) there shall not have occurred any downgrading, nor shall any notice have been given of any intended or potential downgrading or of any review for a possible change that does not indicate the direction of the possible change, in the rating accorded any securities of the Company or any of its subsidiaries by any "nationally recognized statistical rating organization" as that term is used in Rule 15c3-1(c)(2)(vi)(F) under the Exchange Act.

(d) Opinion of U.S. Counsel for the Company. On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion and 10b-5 statement of Kirkland & Ellis LLP, U.S. counsel for the Company, dated as of such date, in form and substance reasonably satisfactory to the Underwriters.

(e) Opinion of Dutch Counsel for the Company. On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion of De Brauw Blackstone Westbroek N.V., Dutch counsel for the Company, dated as of such date, in form and substance reasonably satisfactory to the Underwriters.

(f) [Reserved]

(g) [Reserved]

(h) Opinion of IP Counsel for the Company. On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion of Huber & Schuessler, counsel for the Company with respect to intellectual property, dated as of such date, in form and substance reasonably satisfactory to the Underwriters.

(i) Opinion of U.S. Counsel for the Underwriters. On each of the First Closing Date and each Option Closing Date the Representatives shall have received the opinion of Davis Polk & Wardwell LLP, U.S. counsel for the Underwriters in connection with the offer and sale of the Offered Shares, in form and substance reasonably satisfactory to the Underwriters, dated as of such date.

(j) [Reserved]

(k) Officers' Certificate. On each of the First Closing Date and each Option Closing Date, the Representatives shall have received a certificate, on behalf of the Company, executed by the Chief Executive Officer of the Company and the Chief Financial Officer of the Company, dated as of such date, to the effect set forth in Section 6(b)(ii) and further to the effect that:

(i) for the period from and including the date of this Agreement through and including such date, there has not occurred any Material Adverse Change;

(ii) the representations, warranties and covenants of the Company set forth in Section 1 of this Agreement are true and correct with the same force and effect as though expressly made on and as of such date; and

(iii) the Company has complied with all the agreements hereunder and satisfied all the conditions on its part to be performed or satisfied hereunder at or prior to such date.

(l) Bring-down Comfort Letter. On each of the First Closing Date and each Option Closing Date the Representatives shall have received from KPMG AG Wirtschaftsprüfungsgesellschaft, independent registered public accountants for the Company, a letter dated such date, in form and substance reasonably satisfactory to the Representatives, which letter shall: (i) reaffirm the statements made in the letter furnished by them pursuant to Section 6(a), except that the specified date referred to therein for the carrying out of procedures shall be no more than three business days prior to the First Closing Date or the applicable Option Closing Date, as the case may be; and (ii) cover certain financial information contained in the Prospectus.

(m) **Lock-Up Agreements.** On or prior to the date hereof, the Company shall have furnished to the Representatives an agreement in the form of Exhibit A hereto from each of the persons listed on Exhibit B hereto, and each such agreement shall be in full force and effect on each of the First Closing Date and each Option Closing Date.

(n) [Reserved.]

(o) **Listing.** At the First Closing Date, the Offered Shares shall have been approved for listing on the NASDAQ, subject to notice of issuance.

(p) **Additional Documents.** On or before each of the First Closing Date and each Option Closing Date, the Representatives and counsel for the Underwriters shall have received such information, documents and opinions as they may reasonably request for the purposes of enabling them to pass upon the issuance and sale of the Offered Shares as contemplated herein, or in order to evidence the accuracy of any of the representations and warranties, or the satisfaction of any of the conditions or agreements, herein contained; and all proceedings taken by the Company in connection with the issuance and sale of the Offered Shares as contemplated herein and in connection with the other transactions contemplated by this Agreement shall be reasonably satisfactory in form and substance to the Representatives and counsel for the Underwriters.

If any condition specified in this Section 6 is not satisfied when and as required to be satisfied, this Agreement may be terminated by the Representatives by notice from Jefferies and Leerink to the Company at any time on or prior to the First Closing Date and, with respect to the Optional Shares, at any time on or prior to the applicable Option Closing Date, which termination shall be without liability on the part of any party to any other party, except that Section 4, Section 7, Section 9 and Section 10 shall at all times be effective and shall survive such termination.

Section 7. Reimbursement of Underwriters' Expenses. If this Agreement is terminated by the Representatives pursuant to Section 6, Section 11 or Section 12, or if the sale to the Underwriters of the Offered Shares on the First Closing Date is not consummated because of any refusal, inability or failure on the part of the Company to perform any agreement herein or to comply with any provision hereof, the Company agrees to reimburse the Representatives and the other Underwriters (or such Underwriters as have terminated this Agreement with respect to themselves), severally, upon demand for all reasonably documented out-of-pocket expenses that shall have been reasonably incurred by the Representatives and the Underwriters in connection with the proposed purchase and the offering and sale of the Offered Shares, including, but not limited to, fees and disbursements of counsel, printing expenses, travel expenses, postage, facsimile and telephone charges.

Section 8. Effectiveness of this Agreement. This Agreement shall become effective upon the execution and delivery hereof by the parties hereto.

Section 9. Indemnification.

(a) **Indemnification of the Underwriters.** The Company agrees to indemnify and hold harmless each Underwriter, its affiliates, directors, officers, employees and agents, and each person, if any, who controls any Underwriter within the meaning of the Securities Act or the Exchange Act against any loss, claim, damage, liability or expense, as incurred, to which such Underwriter or such affiliate, director, officer, employee, agent or controlling person may become subject, under the Securities Act, the Exchange Act, other federal or state statutory law or regulation, or the laws or regulations of foreign jurisdictions where Offered Shares have been offered or sold or at common law or otherwise (including in settlement of any litigation, if such settlement is effected with the written consent of the Company), insofar as such loss,

claim, damage, liability or expense (or actions in respect thereof as contemplated below) arises out of or is based upon (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, or any amendment thereto, or the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading; or (ii) any untrue statement or alleged untrue statement of a material fact included in any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus that the Company has used, referred to or filed, or is required to file, pursuant to Rule 433(d) of the Securities Act, any Marketing Material, any Section 5(d) Written Communication or the Prospectus (or any amendment or supplement to the foregoing), or the omission or alleged omission to state therein a material fact necessary in order to make the statements, in the light of the circumstances under which they were made, not misleading; or (iii) any act or failure to act or any alleged act or failure to act by any Underwriter in connection with, or relating in any manner to, the Offered Shares or the offering contemplated hereby, and which is included as part of or referred to in any loss, claim, damage, liability or action arising out of or based upon any matter covered by clause (i) or (ii) above; and to reimburse each Underwriter and each such affiliate, director, officer, employee, agent and controlling person for any and all reasonable expenses (including the reasonable fees and disbursements of counsel) as such expenses are incurred by such Underwriter or such affiliate, director, officer, employee, agent or controlling person in connection with investigating, defending, settling, compromising or paying any such loss, claim, damage, liability, expense or action; *provided, however*, that the foregoing indemnity agreement shall not apply to any loss, claim, damage, liability or expense to the extent, but only to the extent, arising out of or based upon any untrue statement or alleged untrue statement or omission or alleged omission made in reliance upon and in conformity with information relating to any Underwriter furnished to the Company by the Representatives or their counsel in writing expressly for use in the Registration Statement, any preliminary prospectus, the Time of Sale Prospectus, any such free writing prospectus, any Marketing Material, any Section 5(d) Written Communication or the Prospectus (or any amendment or supplement thereto), it being understood and agreed that the only such information consists of the information described in Section 9(b) below. The indemnity agreement set forth in this Section 9(a) shall be in addition to any liabilities that the Company may otherwise have.

(b) Indemnification of the Company, its Directors and Officers. Each Underwriter agrees, severally and not jointly, to indemnify and hold harmless the Company, each of its directors, each of its officers who signed the Registration Statement, and each person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act, against any loss, claim, damage, liability or expense, as incurred, to which the Company, or any such director, officer or controlling person may become subject, under the Securities Act, the Exchange Act, or other federal or state statutory law or regulation, or at common law or otherwise (including in settlement of any litigation, if such settlement is effected with the written consent of such Underwriter), insofar as such loss, claim, damage, liability or expense (or actions in respect thereof as contemplated below) arises out of or is based upon (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, or any amendment thereto, or the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading or (ii) any untrue statement or alleged untrue statement of a material fact included in any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus that the Company has used, referred to or filed, or is required to file, pursuant to Rule 433 of the Securities Act, any Section 5(d) Written Communication or the Prospectus (or any such amendment or supplement) or the omission or alleged omission to state therein a material fact necessary in order to make the statements, in the light of the circumstances under which they were made, not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in the Registration Statement, such preliminary prospectus, the Time of Sale Prospectus, such free writing prospectus, such Section 5(d) Written Communication or the Prospectus (or any such amendment or supplement), in reliance upon and in conformity with information relating to such Underwriter furnished to the Company by the Representatives or their counsel in writing expressly for use therein; and to reimburse the Company, or any such director, officer or controlling person for any and all

expenses (including the fees and disbursements of counsel) as such expenses are incurred by the Company, or any such director, officer or controlling person in connection with investigating, defending, settling, compromising or paying any such loss, claim, damage, liability, expense or action. The Company hereby acknowledges that the only information that the Representatives or their counsel have furnished to the Company expressly for use in the Registration Statement, any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) of the Securities Act, any Section 5(d) Written Communication or the Prospectus (or any amendment or supplement to the foregoing) are the statements set forth in the first sentence of the third paragraph under the caption "Underwriting," the first paragraph under the caption "Underwriting—Commission and Expenses" and the first sentence of the first paragraph and the first sentence of the sixth paragraph under the caption "Underwriting—Stabilization" in the Preliminary Prospectus Supplement and the Final Prospectus Supplement. The indemnity agreement set forth in this Section 9(b) shall be in addition to any liabilities that each Underwriter may otherwise have.

(c) Notifications and Other Indemnification Procedures. Promptly after receipt by an indemnified party under this Section 9 of notice of the commencement of any action, such indemnified party will, if a claim in respect thereof is to be made against an indemnifying party under this Section 9, notify the indemnifying party in writing of the commencement thereof, but the omission to so notify the indemnifying party will not relieve the indemnifying party from any liability which it may have to any indemnified party to the extent the indemnifying party is not materially prejudiced as a proximate result of such failure and shall not in any event relieve the indemnifying party from any liability that it may have otherwise than on account of this indemnity agreement. In case any such action is brought against any indemnified party and such indemnified party seeks or intends to seek indemnity from an indemnifying party, the indemnifying party will be entitled to participate in, and, to the extent that it shall elect, jointly with all other indemnifying parties similarly notified, by written notice delivered to the indemnified party promptly after receiving the aforesaid notice from such indemnified party, to assume the defense thereof with counsel reasonably satisfactory to such indemnified party; *provided, however*, that if the defendants in any such action include both the indemnified party and the indemnifying party and the indemnified party shall have reasonably concluded that a conflict may arise between the positions of the indemnifying party and the indemnified party in conducting the defense of any such action or that there may be legal defenses available to it and/or other indemnified parties which are different from or additional to those available to the indemnifying party, the indemnified party or parties shall have the right to select separate counsel to assume such legal defenses and to otherwise participate in the defense of such action on behalf of such indemnified party or parties. Upon receipt of notice from the indemnifying party to such indemnified party of such indemnifying party's election so to assume the defense of such action and approval by the indemnified party of counsel, the indemnifying party will not be liable to such indemnified party under this Section 9 for any legal or other expenses subsequently incurred by such indemnified party in connection with the defense thereof unless (i) the indemnified party shall have employed separate counsel in accordance with the proviso to the preceding sentence (it being understood, however, that the indemnifying party shall not be liable for the fees and expenses of more than one separate counsel (together with local counsel), representing the indemnified parties who are parties to such action), which counsel (together with any local counsel) for the indemnified parties shall be selected by the Representatives (in the case of counsel for the indemnified parties referred to in Section 9(a) above) or by the Company (in the case of counsel for the indemnified parties referred to in Section 9(b) above) or (ii) the indemnifying party shall not have employed counsel satisfactory to the indemnified party to represent the indemnified party within a reasonable time after notice of commencement of the action or (iii) the indemnifying party has authorized in writing the employment of counsel for the indemnified party at the expense of the indemnifying party, in each of which cases the reasonable fees and expenses of counsel shall be at the expense of the indemnifying party and shall be paid as they are incurred upon receipt from the indemnified party of a written request for payment thereof accompanied by a written statement with reasonable supporting detail of such reasonable fees and expenses.

(d) Settlements. The indemnifying party under this Section 9 shall not be liable for any settlement of any proceeding effected without its written consent, but if settled with such consent or if there be a final judgment for the plaintiff, the indemnifying party agrees to indemnify the indemnified party against any loss, claim, damage, liability or expense by reason of such settlement or judgment. Notwithstanding the foregoing sentence, if at any time an indemnified party shall have requested an indemnifying party to reimburse the indemnified party for reasonable fees and expenses of counsel as contemplated by Section 9(c) hereof, the indemnifying party shall be liable for any settlement of any proceeding effected without its written consent if (i) such settlement is entered into (A) more than 45 days after receipt by the indemnifying party of such request and (B) more than 30 days after receipt by such indemnifying party of the proposed terms of such settlement and (ii) such indemnifying party shall not have reimbursed the indemnified party in accordance with such request prior to the date of such settlement. No indemnifying party shall, without the prior written consent of the indemnified party, effect any settlement, compromise or consent to the entry of judgment in any pending or threatened action, suit or proceeding in respect of which any indemnified party is or could have been a party and indemnity was or could have been sought hereunder by such indemnified party, unless such settlement, compromise or consent includes an unconditional release of such indemnified party from all liability on claims that are the subject matter of such action, suit or proceeding and does not include an admission of fault or culpability or a failure to act by or on behalf of such indemnified party.

Section 10. Contribution. If the indemnification provided for in Section 9 is for any reason held to be unavailable to or otherwise insufficient to hold harmless an indemnified party in respect of any losses, claims, damages, liabilities or expenses referred to therein, then each indemnifying party shall contribute to the aggregate amount paid or payable by such indemnified party, as incurred, as a result of any losses, claims, damages, liabilities or expenses referred to therein (i) in such proportion as is appropriate to reflect the relative benefits received by the Company, on the one hand, and the Underwriters, on the other hand, from the offering of the Offered Shares pursuant to this Agreement or (ii) if the allocation provided by clause (i) above is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) above but also the relative fault of the Company, on the one hand, and the Underwriters, on the other hand, in connection with the statements or omissions which resulted in such losses, claims, damages, liabilities or expenses, as well as any other relevant equitable considerations. The relative benefits received by the Company, on the one hand, and the Underwriters, on the other hand, in connection with the offering of the Offered Shares pursuant to this Agreement shall be deemed to be in the same respective proportions as the total proceeds from the offering of the Offered Shares pursuant to this Agreement (before deducting expenses) received by the Company, and the total underwriting discounts and commissions received by the Underwriters, in each case as set forth on the front cover page of the Prospectus, bear to the aggregate initial public offering price of the Offered Shares as set forth on such cover. The relative fault of the Company, on the one hand, and the Underwriters, on the other hand, shall be determined by reference to, among other things, whether any such untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact relates to information supplied by the Company, on the one hand, or the Underwriters, on the other hand, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.

The amount paid or payable by a party as a result of the losses, claims, damages, liabilities and expenses referred to above shall be deemed to include, subject to the limitations set forth in Section 9(c), any legal or other fees or expenses reasonably incurred by such party in connection with investigating or defending any action or claim. The provisions set forth in Section 9(c) with respect to notice of commencement of any action shall apply if a claim for contribution is to be made under this Section 10; *provided, however*, that no additional notice shall be required with respect to any action for which notice has been given under Section 9(c) for purposes of indemnification.

The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to this Section 10 were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to in this Section 10.

Notwithstanding the provisions of this Section 10, no Underwriter shall be required to contribute any amount in excess of the underwriting discounts and commissions received by such Underwriter in connection with the Offered Shares underwritten by it and distributed to the public. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations to contribute pursuant to this Section 10 are several, and not joint, in proportion to their respective underwriting commitments as set forth opposite their respective names on Schedule A. For purposes of this Section 10, each affiliate, director, officer, employee and agent of an Underwriter and each person, if any, who controls an Underwriter within the meaning of the Securities Act or the Exchange Act shall have the same rights to contribution as such Underwriter, and each director of the Company, each officer of the Company who signed the Registration Statement, and each person, if any, who controls the Company within the meaning of the Securities Act and the Exchange Act shall have the same rights to contribution as the Company.

Section 11. Default of One or More of the Several Underwriters. If, on the First Closing Date or any Option Closing Date any one or more of the several Underwriters shall fail or refuse to purchase Offered Shares that it or they have agreed to purchase hereunder on such date, and the aggregate number of Offered Shares which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase does not exceed 10% of the aggregate number of the Offered Shares to be purchased on such date, the Representatives may make arrangements satisfactory to the Company for the purchase of such Offered Shares by other persons, including any of the Underwriters, but if no such arrangements are made by such date, the other Underwriters shall be obligated, severally and not jointly, in the proportions that the number of Firm Shares set forth opposite their respective names on Schedule A bears to the aggregate number of Firm Shares set forth opposite the names of all such non-defaulting Underwriters, or in such other proportions as may be specified by the Representatives with the consent of the non-defaulting Underwriters, to purchase the Offered Shares which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase on such date. If, on the First Closing Date or any Option Closing Date any one or more of the Underwriters shall fail or refuse to purchase Offered Shares and the aggregate number of Offered Shares with respect to which such default occurs exceeds 10% of the aggregate number of Offered Shares to be purchased on such date, and arrangements satisfactory to the Representatives and the Company for the purchase of such Offered Shares are not made within 48 hours after such default, this Agreement shall terminate without liability of any party to any other party except that the provisions of Section 4, Section 7, Section 9 and Section 10 shall at all times be effective and shall survive such termination. In any such case either the Representatives or the Company shall have the right to postpone the First Closing Date or the applicable Option Closing Date, as the case may be, but in no event for longer than seven days in order that the required changes, if any, to the Registration Statement and the Prospectus or any other documents or arrangements may be effected.

As used in this Agreement, the term "**Underwriter**" shall be deemed to include any person substituted for a defaulting Underwriter under this Section 11. Any action taken under this Section 11 shall not relieve any defaulting Underwriter from liability in respect of any default of such Underwriter under this Agreement.

Section 12. Termination of this Agreement. Prior to the purchase of the Firm Shares by the Underwriters on the First Closing Date, this Agreement may be terminated by the Representatives by notice given to the Company if at any time: (i) trading or quotation in any of the Company's securities shall

have been suspended or limited by the Commission or by the NASDAQ, or trading in securities generally on either the NASDAQ or the NYSE shall have been suspended or limited, or minimum or maximum prices shall have been generally established on any of such stock exchanges; (ii) a general banking moratorium shall have been declared by any of federal, New York or Netherlands authorities; (iii) there shall have occurred any outbreak or escalation of national or international hostilities or any crisis or calamity, or any change in the United States or international financial markets, or any substantial change or development involving a prospective substantial change in United States' or international political, financial or economic conditions, as in the judgment of the Representatives is material and adverse and makes it impracticable to market the Offered Shares in the manner and on the terms described in the Time of Sale Prospectus or the Prospectus or to enforce contracts for the sale of securities; (iv) in the judgment of the Representatives there shall have occurred any Material Adverse Change; or (v) the Company shall have sustained a loss by strike, fire, flood, earthquake, accident or other calamity of such character as in the judgment of the Representatives may interfere materially with the conduct of the business and operations of the Company regardless of whether or not such loss shall have been insured. Any termination pursuant to this Section 12 shall be without liability on the part of (a) the Company to any Underwriter, except that the Company shall be obligated to reimburse the expenses of the Representatives and the Underwriters pursuant to Section 4 or Section 7 hereof or (b) any Underwriter to the Company; *provided, however*, that the provisions of Section 9 and Section 10 shall at all times be effective and shall survive such termination.

Section 13. No Advisory or Fiduciary Relationship. The Company acknowledges and agrees that (a) the purchase and sale of the Offered Shares pursuant to this Agreement, including the determination of the public offering price of the Offered Shares and any related discounts and commissions, is an arm's-length commercial transaction between the Company, on the one hand, and the several Underwriters, on the other hand, (b) in connection with the offering contemplated hereby and the process leading to such transaction, each Underwriter is and has been acting solely as a principal and is not the agent or fiduciary of the Company, or its shareholders, or its creditors, employees or any other party, (c) no Underwriter has assumed or will assume an advisory or fiduciary responsibility in favor of the Company with respect to the offering contemplated hereby or the process leading thereto (irrespective of whether such Underwriter has advised or is currently advising the Company on other matters) and no Underwriter has any obligation to the Company with respect to the offering contemplated hereby except the obligations expressly set forth in this Agreement, (d) the Underwriters and their respective affiliates may be engaged in a broad range of transactions that involve interests that differ from those of the Company, and (e) the Underwriters have not provided any legal, accounting, regulatory or tax advice with respect to the offering contemplated hereby and the Company has consulted its own legal, accounting, regulatory and tax advisors to the extent it deemed appropriate.

Section 14. Representations and Indemnities to Survive Delivery. The respective indemnities, agreements, representations, warranties and other statements of the Company, of the Company's officers, and of the several Underwriters set forth in or made pursuant to this Agreement will remain in full force and effect, regardless of any investigation made by or on behalf of any Underwriter or the Company or any of its or their partners, officers or directors or any controlling person, as the case may be, and, anything herein to the contrary notwithstanding, will survive delivery of and payment for the Offered Shares sold hereunder and any termination of this Agreement.

Section 15. Notices. All communications hereunder shall be in writing and shall be mailed, hand delivered or telecopied and confirmed to the parties hereto as follows:

| | |
|----------------------------|---|
| If to the Representatives: | Jefferies LLC 520 Madison Avenue New York, New York 10022 Facsimile: +1 646 619 4473 Attention: General Counsel |
|----------------------------|---|

SVB Leerink LLC
One Federal Street, 37th Floor
Boston, Massachusetts 02110
Facsimile: +1 617 918 4664
Attention: General Counsel

with a copy to:

Davis Polk & Wardwell LLP
450 Lexington Avenue
New York, New York 10017
Facsimile: +1 212 450 5527
Attention: Derek Dostal

If to the Company:

Affimed N.V.
Technologiepark
Im Neuenheimer Feld 582
69120 Heidelberg, Germany
Facsimile: +011 49 6221-65307-77
Attention: Florian Fischer

with a copy to:

Kirkland & Ellis LLP
601 Lexington Avenue
New York, New York 10022
Facsimile: +1 212 446 4900
Attention: Sophia Hudson

Any party hereto may change the address for receipt of communications by giving written notice to the others.

Section 16. Successors. This Agreement will inure to the benefit of and be binding upon the parties hereto, including any substitute Underwriters pursuant to Section 11 hereof, and to the benefit of the affiliates, directors, officers, employees, agents and controlling persons referred to in Section 9 and Section 10, and in each case their respective successors, and no other person will have any right or obligation hereunder. The term “successors” shall not include any purchaser of the Offered Shares as such from any of the Underwriters merely by reason of such purchase.

Section 17. Partial Unenforceability. The invalidity or unenforceability of any section, paragraph or provision of this Agreement shall not affect the validity or enforceability of any other section, paragraph or provision hereof. If any section, paragraph or provision of this Agreement is for any reason determined to be invalid or unenforceable, there shall be deemed to be made such minor changes (and only such minor changes) as are necessary to make it valid and enforceable.

Section 18. Governing Law Provisions; Currency Provisions. This Agreement shall be governed by and construed in accordance with the internal laws of the State of New York applicable to agreements made and to be performed in such state. Any legal suit, action or proceeding arising out of or based upon this Agreement or the transactions contemplated hereby (“**Related Proceedings**”) may be instituted in the federal courts of the United States of America located in the Borough of Manhattan in the City of New York or the courts of the State of New York in each case located in the Borough of Manhattan in the City of New York (collectively, the “**Specified Courts**”), and each

party irrevocably submits to the exclusive jurisdiction (except for proceedings instituted in regard to the enforcement of a judgment of any such court (a “**Related Judgment**”), as to which such jurisdiction is non-exclusive) of such courts in any such suit, action or proceeding. Service of any process, summons, notice or document by mail to such party’s address set forth above shall be effective service of process for any suit, action or other proceeding brought in any such court. The parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or other proceeding in the Specified Courts and irrevocably and unconditionally waive and agree not to plead or claim in any such court that any such suit, action or other proceeding brought in any such court has been brought in an inconvenient forum. The Company and each other party not located in the United States has irrevocably appointed Affimed Inc., which currently maintains an office at 1209 Orange Street, Wilmington, Delaware, 19801, United States of America, as its agent to receive service of process or other legal summons for purposes of any such suit, action or proceeding that may be instituted in any state or federal court in the Borough of Manhattan in the City of New York, United States of America.

With respect to any Related Proceeding, each party irrevocably waives, to the fullest extent permitted by applicable law, all immunity (whether on the basis of sovereignty or otherwise) from jurisdiction, service of process, attachment (both before and after judgment) and execution to which it might otherwise be entitled in the Specified Courts, and with respect to any Related Judgment, each party waives any such immunity in the Specified Courts or any other court of competent jurisdiction, and will not raise or claim or cause to be pleaded any such immunity at or in respect of any such Related Proceeding or Related Judgment, including, without limitation, any immunity pursuant to the United States Foreign Sovereign Immunities Act of 1976, as amended.

The obligations of the Company pursuant to this Agreement in respect of any sum due to any Underwriter shall, notwithstanding any judgment in a currency other than United States dollars, not be discharged until the first business day, following receipt by any Underwriter of any sum adjudged to be so due in such other currency, on which such Underwriter may in accordance with normal banking procedures purchase United States dollars with such other currency. If the United States dollars so purchased are less than the sum originally due to such Underwriter in United States dollars hereunder, the Company agrees as a separate obligation and notwithstanding any such judgment, to indemnify such Underwriter against such loss. If the United States dollars so purchased are greater than the sum originally due to such Underwriter hereunder, such Underwriter agrees to pay to the Company an amount equal to the excess of the dollars so purchased over the sum originally due to such Underwriter hereunder.

All payments made by the Company under this Agreement shall be made free and clear of any withholding or deduction for or on account of any present or future taxes, duties, assessments or governmental charges of whatever nature (including any amounts that result from the payment of fees, compensation or reimbursement of costs contemplated by this Agreement) imposed or levied by or on behalf of The Netherlands or by any department, agency or other political subdivision or any taxing authority thereof or therein, and all interest, penalties or similar liabilities with respect thereto (collectively, “**Dutch Taxes**”), unless such deduction or withholding is required by law. If any Dutch Taxes are required by law to be deducted or withheld by the Company in connection with such payment or repurchase, the Company will increase the amount to be paid to the Underwriters so that the full amount of such payment is received by the Underwriters, provided that the Company will not be required to pay any such additional amounts to the extent that the obligation to withhold or deduct any amounts arises as a result of any present or former connection between an Underwriter and the relevant jurisdiction other than any such connection arising solely as a result of the transaction described in this agreement.

Section 19. General Provisions. This Agreement constitutes the entire agreement of the parties to this Agreement and supersedes all prior written or oral and all contemporaneous oral agreements, understandings and negotiations with respect to the subject matter hereof. This Agreement

may be executed in two or more counterparts, each one of which shall be an original, and delivered by electronic means, with the same effect as if the signatures thereto and hereto were upon the same instrument. This Agreement may not be amended or modified unless in writing by all of the parties hereto, and no condition herein (express or implied) may be waived unless waived in writing by each party whom the condition is meant to benefit. The section headings herein are for the convenience of the parties only and shall not affect the construction or interpretation of this Agreement.

Each of the parties hereto acknowledges that it is a sophisticated business person who was adequately represented by counsel during negotiations regarding the provisions hereof, including, without limitation, the indemnification provisions of Section 9 and the contribution provisions of Section 10, and is fully informed regarding said provisions. Each of the parties hereto further acknowledges that the provisions of Section 9 and Section 10 hereof fairly allocate the risks in light of the ability of the parties to investigate the Company, its affairs and its business in order to assure that adequate disclosure has been made in the Registration Statement, any preliminary prospectus, the Time of Sale Prospectus, each free writing prospectus and the Prospectus (and any amendments and supplements to the foregoing), as contemplated by the Securities Act and the Exchange Act.

Section 20. Recognition of the U.S. Special Resolution Regimes. In the event that any Underwriter that is a Covered Entity becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

For purposes of this Section 20, a “**BHC Act Affiliate**” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k). “**Covered Entity**” means any of the following: (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b); (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b). “**Default Right**” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable. “**U.S. Special Resolution Regime**” means each of (i) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (ii) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

If the foregoing is in accordance with your understanding of our agreement, kindly sign and return to the Company the enclosed copies hereof, whereupon this instrument, along with all counterparts hereof, shall become a binding agreement in accordance with its terms.

Very truly yours,

AFFIMED N.V.

By: /s/ Adi Hoess

Name: Adi Hoess

Title: Chief Executive Officer

By: /s/ Wolfgang Fischer

Name: Wolfgang Fischer

Title: Chief Operating Officer

The foregoing Underwriting Agreement is hereby confirmed and accepted by the Representatives in New York, New York as of the date first above written.

JEFFERIES LLC

SVB LEERINK LLC

Acting individually and as Representatives
of the several Underwriters named in
the attached Schedule A.

JEFFERIES LLC

By: /s/ Charles L. Glazer

Name: Charles L. Glazer

Title: Managing Director

SVB LEERINK LLC

By: /s/ Gabriel Cavazos

Name: Gabriel Cavazos

Title: Managing Director

[Signature Page to Affirmed UA]

| Underwriters | Number of Firm Shares to be Purchased |
|----------------------------------|--|
| Jefferies LLC | 5,160,000 |
| SVB Leerink LLC | 4,560,000 |
| SunTrust Robinson Humphrey, Inc. | 1,590,000 |
| Laidlaw & Company (UK) Ltd. | 690,000 |
| Total | <u>12,000,000</u> |

Free Writing Prospectuses Included in the Time of Sale Prospectus

None.

Pricing Information

Number of Firm Shares: 12,000,000

Number of Optional Shares: 1,800,000

Public offering price per Common Share: \$2.50

Permitted Section 5(d) Communications

None.

Form of Lock-up Agreement

, 2019

Jefferies LLC
SVB Leerink LLC

As Representatives of the several Underwriters

c/o Jefferies LLC
520 Madison Avenue
New York, New York 10022

c/o SVB Leerink LLC
One Federal Street, 37th Floor
Boston, Massachusetts 02110

RE: Affimed N.V. (the “**Company**”)

Ladies & Gentlemen:

The undersigned is an owner of shares of the Company (collectively, the “**Shares**”) or of securities convertible into or exchangeable or exercisable for Shares and/or a supervisory or managing director of the Company. The Company proposes to conduct a public offering of Shares (the “**Offering**”) for which Jefferies LLC and SVB Leerink LLC will act as the representatives of the underwriters (the “**Representatives**”). The undersigned recognizes that the Offering will benefit each of the Company and the undersigned. The undersigned acknowledges that the underwriters are relying on the representations and agreements of the undersigned contained in this letter agreement in conducting the Offering and, at a subsequent date, in entering into an underwriting agreement (the “**Underwriting Agreement**”) and other underwriting arrangements with the Company with respect to the Offering.

Annex A sets forth definitions for capitalized terms used in this letter agreement that are not defined in the body of this agreement. Those definitions are a part of this agreement.

In consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agrees that, during the Lock-up Period, the undersigned will not (and will cause any Family Member not to), without the prior written consent of the Representatives, which may withhold its consent in their sole discretion:

- Sell or Offer to Sell any Shares or Related Securities currently or hereafter owned either of record or beneficially (as defined in Rule 13d-3 under the Exchange Act) by the undersigned or such Family Member,
- enter into any Swap,
- make any demand for, or exercise any right with respect to, the registration under the Securities Act of the offer and sale of any Shares or Related Securities, or cause to be filed a registration statement, prospectus or prospectus supplement (or an amendment or supplement thereto) with respect to any such registration, or

- publicly announce any intention to do any of the foregoing.

The foregoing will not apply to the registration of the offer and sale of the Shares, and the sale of the Shares to the underwriters, in each case as contemplated by the Underwriting Agreement. In addition, the foregoing restrictions shall not apply to (A) the transfer of Shares or Related Securities as a bona fide gift or gifts or by testate succession or intestate distribution to the legal representative, heir, beneficiary or a member of the immediate family of the undersigned, (B) the transfer of any Shares or Related Securities acquired by the undersigned in the open market or in the Offering (other than any Shares or Related Securities purchased in the Offering by an officer or director of the Company), (C) any securities issuable upon conversion of any convertible debt instruments or upon exercise of any warrants described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, provided that no sales of the securities shall be made pursuant to such an exercise prior to the expiration of the Lock-up Period (D) any Shares or Related Securities that are used for the primary purpose of satisfying any withholding tax or other governmental withholding or payment obligation or any exercise price, through cashless surrender or otherwise, with respect to any award of equity-based compensation or in connection with tax or other obligations as a result of testate succession or intestate distribution, (E) transfers to a Family Member or to a trust whose beneficiaries consist exclusively of one or more of the undersigned and/or a Family Member, (F) distributions of Shares or Related Securities to members or stockholders of the undersigned or to any corporation, partnership or other person or entity that is a current or former member, stockholder, limited partner, subsidiary, direct or indirect affiliate of the undersigned or to any investment fund or other entity that controls or manages the undersigned (including, for the avoidance of doubt, a fund managed by the same manager or managing member or general partner or management company or by an entity controlling, controlled by, or under common control with such manager or managing member or general partner or management company as the undersigned or who shares a common investment advisor with the undersigned), (G) the transfer of the undersigned's Shares or Related Securities to the Company pursuant to any contractual arrangement in effect on the date of this letter agreement that provides for the repurchase of the undersigned's Shares or Related Securities by the Company or in connection with the termination of the undersigned's employment with the Company or the undersigned's failure to meet certain conditions set out upon receipt of such Shares or Related Securities, (H) the establishment of any contract, instruction or plan (a "Plan") that satisfies all of the requirements of Rule 10b5-1(c)(1)(i)(B) under the Exchange Act provided that no sales of the undersigned's Shares or Related Securities shall be made pursuant to such a Plan prior to the expiration of the Lock-up Period [and (I) sales or transfers of Shares or Related Securities pursuant to a Plan that has been entered into by the undersigned prior to the date of this letter agreement];¹ provided that in the case of any transfer or distribution pursuant to clauses (A), (E) or (F), each donee, distributee or transferee shall execute and deliver to the Representatives an agreement in form and substance satisfactory to the Representatives stating that such transferee is receiving and holding such Shares and/or Related Securities subject to the provisions of this letter agreement and agrees not to Sell or Offer to Sell such Shares and/or Related Securities, engage in any Swap or engage in any other activities restricted under this letter agreement except in accordance with this letter agreement (as if such transferee had been an original signatory hereto); and provided, further, that in the case of any transfer or distribution pursuant to clause (A), (B), (E), (F), (H) [or (I)], no filing by any party (donor, donee, transferor or transferee) under the Exchange Act, or other public announcement shall be required or shall be made voluntarily in connection with such transfer or distribution (other than a filing on a Form 5 made after the expiration of the Lock-up Period).

¹ To be included in lock-ups signed by A. Hoess, F. Fischer and W. Fischer only.

The restrictions contained herein shall not apply to any transfers, sales, tenders or other dispositions of Shares or Related Securities pursuant to a bona fide third party tender offer, merger, amalgamation, consolidation or other similar transaction made to or involving all holders of the Shares or Related Securities or such other securities pursuant to which a majority of total voting power of the voting stock of the Company is transferred to such third party (including, without limitation, the entering into any lock-up, voting or similar agreement pursuant to which the undersigned may agree to transfer, sell, tender or otherwise dispose of Shares or Related Securities or other such securities in connection with such transaction, or vote any Shares or Related Securities or other such securities in favor of any such transaction); provided that (A) if such tender offer, merger, amalgamation, consolidation or other similar transaction is not completed, any Shares or Related Securities subject to this letter agreement shall remain subject to the restrictions contained in this letter agreement, and (B) in the event that after such tender offer, merger, amalgamation, consolidation or other similar transaction, any Shares or Related Securities are not transferred, sold or tendered, such Shares or Related Securities held by the undersigned shall remain subject to the provisions of this letter agreement.

The undersigned also agrees and consents to the entry of stop transfer instructions with the Company's transfer agent and registrar against the transfer of Shares and/or Related Securities held by the undersigned and the undersigned's Family Members, if any, except in compliance with the foregoing restrictions.

With respect to the Offering only, the undersigned waives any registration rights relating to registration under the Securities Act of the offer and sale of any Shares and/or any Related Securities owned either of record or beneficially by the undersigned, including any rights to receive notice of the Offering.

The undersigned confirms that the undersigned has not, and has no knowledge that any Family Member has, directly or indirectly, taken any action designed to or that might reasonably be expected to cause or result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale of the Shares. The undersigned will not, and will cause any Family Member not to take, directly or indirectly, any such action.

Whether or not the Offering occurs as currently contemplated or at all depends on market conditions and other factors. The Offering will only be made pursuant to the Underwriting Agreement, the terms of which are subject to negotiation between the Company and the underwriters. The undersigned understands that, if (i) the Underwriting Agreement does not become effective on or before November 30, 2019 (ii) the Underwriting Agreement (other than the provisions thereof which survive termination) shall terminate or be terminated prior to payment for and delivery of the Shares to be sold thereunder, (iii) the Representatives, on the one hand, or the Company, on the other hand, informs the other, prior to the execution of the Underwriting Agreement, that it has determined not to proceed with the Offering or (iv) the registration statement related to the Offering has been withdrawn, the undersigned shall be released from all obligations under this letter agreement.

The undersigned hereby represents and warrants that the undersigned has full power, capacity and authority to enter into this letter agreement. This letter agreement is irrevocable and will be binding on the undersigned and the successors, heirs, personal representatives and assigns of the undersigned.

This letter agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

Signature

Printed Name of Person Signing

(Indicate capacity of person signing if signing as custodian or trustee, or on behalf of an entity)

**Certain Defined Terms
Used in Lock-up Agreement**

For purposes of the letter agreement to which this Annex A is attached and of which it is made a part:

- “**Call Equivalent Position**” shall have the meaning set forth in Rule 16a-1(b) under the Exchange Act.
- “**Exchange Act**” shall mean the Securities Exchange Act of 1934, as amended.
- “**Family Member**” shall mean the spouse of the undersigned, an immediate family member of the undersigned or an immediate family member of the undersigned’s spouse, in each case living in the undersigned’s household or whose principal residence is the undersigned’s household (regardless of whether such spouse or family member may at the time be living elsewhere due to educational activities, health care treatment, military service, temporary internship or employment or otherwise). “**Immediate family member**” as used above shall have the meaning set forth in Rule 16a-1(e) under the Exchange Act.
- “**Lock-up Period**” shall mean the period beginning on the date hereof and continuing through the close of trading on the date that is 90 days after the date of the Prospectus (as defined in the Underwriting Agreement).
- “**Put Equivalent Position**” shall have the meaning set forth in Rule 16a-1(h) under the Exchange Act.
- “**Related Securities**” shall mean any options, phantom equity, warrants or other rights to acquire Shares or any securities exchangeable or exercisable for or that are convertible or settle into Shares, or to acquire other securities or rights ultimately exchangeable or exercisable for, or that are convertible or settle into, Shares.
- “**Securities Act**” shall mean the Securities Act of 1933, as amended.
- “**Sell or Offer to Sell**” shall mean to:
 - sell, offer to sell, contract to sell or lend,
 - effect any short sale or establish or increase a Put Equivalent Position or liquidate or decrease any Call Equivalent Position
 - pledge, hypothecate or grant any security interest in, or
 - in any other way transfer or dispose of,

in each case whether effected directly or indirectly.

- “**Swap**” shall mean any swap, hedge or similar arrangement or agreement that transfers, in whole or in part, the economic risk of ownership of Shares or Related Securities, regardless of whether any such transaction is to be settled in securities, in cash or otherwise.

Capitalized terms not defined in this Annex A shall have the meanings given to them in the body of this lock-up agreement.

**Supervisory Directors, Managing Directors and Others
Signing Lock-up Agreement**

Supervisory Directors:

Thomas Hecht
Berndt Modig
Ferdinand Verdonck
Bernhard R.M. Ehmer
Ulrich M. Grau
Mathieu Simon

Managing Directors:

Adi Hoess
Florian Fischer
Wolfgang Fischer

Senior Employees:

Leila Alland
Denise Mueller

To Affimed N.V. (the “**Issuer**”)
Im Neuenheimer Feld 582 0
D-69120 HEIDELBERG
Germany

Claude Debussylaan 80
P.O. Box 75084
1070 AB Amsterdam
T +31 20 577 1771
F +31 20 577 1775

Date 13 November 2019

Gaby Smeenk
Advocaat

Our ref. M33334360/1/20714378/ffm

Dear Sir/Madam,

**Registration with the US Securities and Exchange Commission of
12,000,000 common shares in the capital of the Issuer**

1 INTRODUCTION

I act as Dutch legal adviser (*advocaat*) to the Issuer in connection with the Registration.

Certain terms used in this opinion are defined in **Annex 1** (*Definitions*).

2 DUTCH LAW

This opinion is limited to Dutch law in effect on the date of this opinion. It (including all terms used in it) is to be construed in accordance with Dutch law.

3 SCOPE OF INQUIRY

I have examined, and relied upon the accuracy of the factual statements in, the following documents:

- (a) A copy of the Registration Statement.

De Brauw Blackstone Westbroek N.V., Amsterdam, is registered with the Trade Register in the Netherlands under no. 27171912.

All services and other work are carried out under an agreement of instruction (“overeenkomst van opdracht”) with De Brauw Blackstone Westbroek N.V. The agreement is subject to the General Conditions, which have been filed with the register of the District Court in Amsterdam and contain a limitation of liability.

Client account notaries ING Bank IBAN NL83INGB0693213876 BIC INGBNL2A.

- (b) A copy of:
 - (i) the Issuer's deed of incorporation, the Deed of Conversion, the Deed of Amendment and the Articles of Association, as provided by the Chamber of Commerce (*Kamer van Koophandel*);
 - (ii) the Board Regulations;
 - (iii) the Trade Register Extract; and
 - (iv) the Shareholders' Register.
- (c) A copy of:
 - (i) each Corporate Resolution; and
 - (ii) the Board Certificate.
- (d) A copy of the Deed of Issue of Underwritten Shares.

In addition, I have examined such documents, and performed such other investigations, as I considered necessary for the purpose of this opinion. My examination has been limited to the text of the documents.

4 ASSUMPTIONS

I have made the following assumptions:

- (a)
 - (i) Each copy document conforms to the original and each original is genuine and complete.
 - (ii) Each signature is the genuine signature of the individual concerned.
 - (iii) The Registration Statement has been or will have been filed with the SEC in the form referred to in this opinion.

5 OPINION

Based on the documents and investigations referred to and assumptions made in paragraphs 3 and 4, I am of the following opinion:

- (a) The Registration Shares have been validly issued and are fully paid and nonassessable¹.

¹ In this opinion, "nonassessable" – which term has no equivalent in Dutch – means, in relation to a share, that the issuer of the share has no right to require the holder of the share to pay to the issuer any amount (in addition to the amount required for the share to be fully paid) solely as a result of his shareholdership.

6 RELIANCE

- (a) This opinion is an exhibit to the Registration Statement and may be relied upon for the purpose of the Registration and by purchasers of the Registration Shares for the purpose of their acquisition of the Registration Shares and not by any other persons or for any other purpose. It may not be supplied, and its contents or existence may not be disclosed, to any person other than as an Exhibit to (and therefore together with) the Registration Statement.
- (b) Each person accepting this opinion agrees, in so accepting, that only De Brauw (and not any other person) will have any liability in connection with this opinion, that De Brauw's liability in connection with this opinion is limited to the amount that is paid out in the specific case under De Brauw's professional liability insurance, increased by the applicable deductible (*eigen risico*); that the agreements in this paragraph 6(b) and all liability and other matters relating to this opinion will be governed exclusively by Dutch law and that the Dutch courts will have exclusive jurisdiction to settle any dispute relating to this opinion; and that this opinion (including the agreements in this paragraph 6(b)) does not make any person, other than the Issuer, a client of De Brauw.
- (c) The Issuer may:
 - (i) file this opinion as an exhibit to the Registration Statement; and
 - (ii) refer to De Brauw giving this opinion under the heading "Legal Matters" in the prospectus and the prospectus supplement as included in the Registration Statement.

The previous sentence is no admittance from me (or De Brauw) that I am (or De Brauw is) in the category of persons whose consent for the filing and reference as set out in that sentence is required under article 7 of the Securities Act or any rules or regulations of the SEC promulgated under it.

Yours faithfully,
De Brauw Blackstone Westbroek N.V.

/s/ Gaby Smeenk
Gaby Smeenk

Our ref. M33334360/1/20714378/ffm

Annex 1 – Definitions

In this opinion:

“**Articles of Association**” means the Issuer’s articles of association as included in the Deed of Amendment and in force on the date of this opinion.

“**Board Certificate**” means the certificate dated the date of this opinion attached to this opinion as Annex 2.

“**Board Regulations**” means each of:

- (a) the Issuer’s rules governing its managing board, dated 17 September 2014; and
- (b) the Issuer’s rules governing its supervisory board, dated 17 September 2014.

“**BW**” means the Civil Code (*Burgerlijk Wetboek*).

“**Common Shares**” means the common shares (*gewone aandelen*), nominal value EUR 0.01 each, in the Issuer’s share capital.

“**Corporate Resolutions**” means each of:

- (a) as evidenced by a declaration dated 25 June 2019 of the chairman of the Issuer’s general meeting held on 25 June 2019, the resolutions adopted at such meeting to authorise the Issuer’s managing board, for a period of five years and subject to the approval of the Issuer’s supervisory board, to:
 - (i) issue Common Shares and/or grant rights to subscribe for Common Shares, up to the maximum number of Common Shares that can be issued under the authorised share capital of the Issuer as per the date of adoption of such resolution; and
 - (ii) restrict or exclude the pre-emptive rights in respect thereof;
- (b) a written resolution of the Issuer’s managing board dated 7 November 2019, including a resolution to enter into the Deed of Issue of Underwritten Shares;
- (c) a written resolution of the Issuer’s supervisory board dated 7 November 2019, to approve the managing board resolution referred to in paragraph (b) above;
- (d) a written resolution of the Issuer’s managing board dated 13 November 2019, including resolutions to:
 - (i) issue 12,000,000 Common Shares (the “**Registration Shares**”) to Cede & Co for a price of USD 2.35 per Registration Share; and

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- (ii) exclude all pre-emptive rights in respect thereof; and
- (e) a written resolution of the Issuer's supervisory board dated 13 November 2019, to approve the managing board resolution referred to in paragraph (d) above.

“**De Brauw**” means De Brauw Blackstone Westbroek N.V.

“**Deed of Amendment**” means the deed of amendment of the articles of association of the Issuer (*akte van statutenwijziging*) dated 19 June 2018 increasing the Issuer's authorised share capital to EUR 3,119,500.

“**Deed of Conversion**” means the deed of conversion and amendment of the articles of association of the Issuer (*akte van omzetting en statutenwijziging Affimed Therapeutics B.V. (na omzetting en statutenwijziging genaamd: Affimed N.V.)*) dated 17 September 2014 providing for the conversion of the Issuer into a limited liability company and amendment of its articles of association.

“**Deed of Issue of Underwritten Shares**” means the deed of issue of underwritten shares dated 13 November 2019 providing for the issue of the Registration Shares.

“**Dutch law**” means the law directly applicable in the Netherlands.

“**Issuer**” means Affimed N.V., with seat in Amsterdam, Trade Register number 60673389.

“**Registration**” means the registration of the Registration Shares with the SEC under the Securities Act.

“**Registration Shares**” is defined in the definition of “Corporate Resolutions”.

“**Registration Statement**” means the Issuer's registration statement on form F-3 (Registration no. 333-227933) originally filed with the SEC on 22 October 2018 as amended as of its effective date (excluding any documents incorporated by reference in it or any exhibits to it), including a base prospectus dated 7 November 2018 as modified by a preliminary prospectus supplement dated 7 November 2019 and a final prospectus supplement dated 7 November 2019.

“**SEC**” means the U.S. Securities and Exchange Commission.

“**Securities Act**” means the U.S. Securities Act of 1933, as amended.

“**Shareholders' Register**” means the Issuer's shareholders' register.

“**the Netherlands**” means the part of the Kingdom of the Netherlands located in Europe.

“**Trade Register Extract**” means a Trade Register extract relating to the Issuer provided by the Chamber of Commerce and dated 8 November 2019.

“**Underwriters**” means the underwriters named in the Underwriting Agreement.

“**Underwriting Agreement**” means the underwriting agreement dated 7 November 2019 between the Issuer and the Underwriters.

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Annex 2 – Board Certificate

BOARD CERTIFICATE

FROM THE MANAGEMENT BOARD OF AFFIMED N.V.

DATED 13 November 2019

THE UNDERSIGNED:

1. **Adolf Hoess**, born in Hausham, Germany, on 23 December 1961;
2. **Florian Heinz Martin Fischer**, born in München, Germany, on 3 January 1968; and
3. **Wolfgang Fischer**, born in Stokach, Germany, on 5 January 1964,

acting in their capacity as managing directors of **Affimed N.V.**, a public limited liability company with corporate seat in Amsterdam, the Netherlands and having its principal office in Heidelberg, Germany (the “**Issuer**”),

BACKGROUND:

- (a) The Issuer intends to seek the Registration with the SEC of the Registration Shares.
- (b) In connection with the Registration, on the date of this Board Certificate, De Brauw Blackstone Westbroek N.V. intends to issue a legal opinion in the form attached to this certificate (the “**Legal Opinion**”).
- (c) This Board Certificate is the “Board Certificate” as defined in the Legal Opinion.
- (d) The undersigned make the certifications in this Board Certificate after due and careful consideration and after having made all necessary enquiries.

1 CONSTRUCTION

1.1 Terms defined in the Legal Opinion have the same meaning in this Board Certificate.

1.2 In this Board Certificate “**including**” means “including without limitation”.

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2 CERTIFICATION:

Each undersigned certifies the following.

2.1 Authenticity

- (a) As at the date of this Board Certificate:
 - (i) all information regarding the Issuer registered or on file with the Dutch Trade Register; and
 - (ii) all information in the Shareholders' Register;
is correct, complete and up to date.
- (b) As at the date of each Corporate Resolution, the relevant Board Regulations were in force.

2.2 Solvency

The Issuer is not subject to any bankruptcy proceedings, suspension of payments, emergency measures, other insolvency proceedings as defined in Article 2(4) of Regulation (EU) 2015/848 of the European Parliament and of the Council of 20 May 2015 on insolvency proceedings (recast), or other rules regulating conflicts between the rights of creditors or intervention and other measures in relation to financial enterprises or their affiliated entities.

2.3 Issue documentation

- (a) As at the date of this Board Certificate, each Corporate Resolution and the Deed of Issue of Underwritten Shares remains in force without modification.
- (b) Each undersigned believes that each Corporate Resolution is reasonable and fair (including in relation to all the Issuer's shareholders).
- (c) No undersigned is aware of any fact or circumstance (including (i) any lack of capacity of any person, (ii) any conflict of interest, (iii) any force (*bedreiging*), fraud (*bedrog*), undue influence (*misbruik van omstandigheden*) or mistake (*dwaling*), and (iv) any amendment or supplement) which he understands or suspects has or may have the effect that any document referred to in paragraph (a) above will or may cease to be in force without modification at any time.

2.4 Issue

- (a) At the time of the issue of the Registration Shares the difference between (i) the number of Common Shares included in the Issuer's authorised share capital, minus (ii) the number of outstanding Common Shares, minus (iii) the number of any outstanding rights to acquire Common Shares, was sufficient to allow for the issue.
- (b) An amount of USD 28,200,000 was paid on the Registration Shares by means of transfer to a bank account designated by the Issuer (in accordance with the Deed of Issue of Underwritten Shares and the Underwriting Agreement).

2.5 General

No undersigned is aware of:

- (a) any claim (whether actual or threatened and including any claim, litigation, arbitration or administrative or regulatory proceedings) to the contrary of the certifications in this Board Certificate; or
- (b) any fact or circumstance which he understands or suspects has or might have any impact on the correctness of the Legal Opinion and which has not been disclosed to De Brauw in writing.

3 RELIANCE

De Brauw may rely on this Board Certificate (without personal liability for the undersigned).

4 IN EVIDENCE WHEREOF:

this Board Certificate was signed in the manner set out below.

(Signature page to follow)

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/S/ Adolf Hoess

Name: Adolf Hoess
Title: Chief Executive Officer

/S/ Florian Heinz Martin Fischer

Name: Florian Heinz Martin Fischer
Title: Chief Financial Officer

/S/ Wolfgang Fischer

Name: Wolfgang Fischer
Title: Chief Operating Officer

(Signature page to Board Certificate)

Our ref. M33334360/1/20714378/ffm

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To Affimed N.V. (the “**Issuer**”)
Im Neuenheimer Feld 582 0
D-69120 HEIDELBERG
Germany

Claude Debussylaan 80
P.O. Box 75084
1070 AB Amsterdam
T +31 20 577 1771
F +31 20 577 1775

Date 13 November 2019

Gaby Smeenk
Advocaat

Our ref. M33349669/1/20714378/ffm

Dear Sir/Madam,

**Registration with the US Securities and Exchange Commission of
1,800,000 common shares in the capital of the Issuer**

1 INTRODUCTION

I act as Dutch legal adviser (*advocaat*) to the Issuer in connection with the Registration.

Certain terms used in this opinion are defined in **Annex 1** (*Definitions*).

2 DUTCH LAW

This opinion is limited to Dutch law in effect on the date of this opinion. It (including all terms used in it) is to be construed in accordance with Dutch law.

3 SCOPE OF INQUIRY

I have examined, and relied upon the accuracy of the factual statements in, the following documents:

- (a) A copy of the Registration Statement.

De Brauw Blackstone Westbroek N.V., Amsterdam, is registered with the Trade Register in the Netherlands under no. 27171912.

All services and other work are carried out under an agreement of instruction (“overeenkomst van opdracht”) with De Brauw Blackstone Westbroek N.V. The agreement is subject to the General Conditions, which have been filed with the register of the District Court in Amsterdam and contain a limitation of liability.

Client account notaries ING Bank IBAN NL83INGB0693213876 BIC INGBNL2A.

- (b) A copy of:
 - (i) the Issuer's deed of incorporation, the Deed of Conversion, the Deed of Amendment and the Articles of Association, as provided by the Chamber of Commerce (*Kamer van Koophandel*);
 - (ii) the Board Regulations;
 - (iii) the Trade Register Extract; and
 - (iv) the Shareholders' Register.
- (c) A copy of:
 - (i) each Corporate Resolution; and
 - (ii) the Board Certificate.
- (d) A copy of the Deed of Issue of Option Shares.

In addition, I have examined such documents, and performed such other investigations, as I considered necessary for the purpose of this opinion. My examination has been limited to the text of the documents.

4 ASSUMPTIONS

I have made the following assumptions:

- (a)
 - (i) Each copy document conforms to the original and each original is genuine and complete.
 - (ii) Each signature is the genuine signature of the individual concerned.
 - (iii) The Registration Statement has been or will have been filed with the SEC in the form referred to in this opinion.

5 OPINION

Based on the documents and investigations referred to and assumptions made in paragraphs 3 and 4, I am of the following opinion:

- (a) The Registration Shares have been validly issued and are fully paid and nonassessable¹.

¹ In this opinion, "nonassessable" – which term has no equivalent in Dutch – means, in relation to a share, that the issuer of the share has no right to require the holder of the share to pay to the issuer any amount (in addition to the amount required for the share to be fully paid) solely as a result of his shareholdership.

6 RELIANCE

- (a) This opinion is an exhibit to the Registration Statement and may be relied upon for the purpose of the Registration and by purchasers of the Registration Shares for the purpose of their acquisition of the Registration Shares and not by any other persons or for any other purpose. It may not be supplied, and its contents or existence may not be disclosed, to any person other than as an Exhibit to (and therefore together with) the Registration Statement.
- (b) Each person accepting this opinion agrees, in so accepting, that only De Brauw (and not any other person) will have any liability in connection with this opinion, that De Brauw's liability in connection with this opinion is limited to the amount that is paid out in the specific case under De Brauw's professional liability insurance, increased by the applicable deductible (*eigen risico*); that the agreements in this paragraph 6(b) and all liability and other matters relating to this opinion will be governed exclusively by Dutch law and that the Dutch courts will have exclusive jurisdiction to settle any dispute relating to this opinion; and that this opinion (including the agreements in this paragraph 6(b)) does not make any person, other than the Issuer, a client of De Brauw.
- (c) The Issuer may:
 - (i) file this opinion as an exhibit to the Registration Statement; and
 - (ii) refer to De Brauw giving this opinion under the heading "Legal Matters" in the prospectus and the prospectus supplement as included in the Registration Statement.

The previous sentence is no admittance from me (or De Brauw) that I am (or De Brauw is) in the category of persons whose consent for the filing and reference as set out in that sentence is required under article 7 of the Securities Act or any rules or regulations of the SEC promulgated under it.

Yours faithfully,
De Brauw Blackstone Westbroek N.V.

/s/ Gaby Smeenk
Gaby Smeenk

Our ref. M33518957/1/20714378/ffm

Annex 1 – Definitions

In this opinion:

“**Articles of Association**” means the Issuer’s articles of association as included in the Deed of Amendment and in force on the date of this opinion.

“**Board Certificate**” means the certificate dated the date of this opinion attached to this opinion as Annex 2.

“**Board Regulations**” means each of:

- (a) the Issuer’s rules governing its managing board, dated 17 September 2014; and
- (b) the Issuer’s rules governing its supervisory board, dated 17 September 2014.

“**BW**” means the Civil Code (*Burgerlijk Wetboek*).

“**Common Shares**” means the common shares (*gewone aandelen*), nominal value EUR 0.01 each, in the Issuer’s share capital.

“**Corporate Resolutions**” means each of:

- (a) as evidenced by a declaration dated 25 June 2019 of the chairman of the Issuer’s general meeting held on 25 June 2019, the resolutions adopted at such meeting to authorise the Issuer’s managing board, for a period of five years and subject to the approval of the Issuer’s supervisory board, to:
 - (i) issue Common Shares and/or grant rights to subscribe for Common Shares, up to the maximum number of Common Shares that can be issued under the authorised share capital of the Issuer as per the date of adoption of such resolution; and
 - (ii) restrict or exclude the pre-emptive rights in respect thereof;
- (b) a written resolution of the Issuer’s managing board dated 7 November 2019, including a resolution to enter into the Deed of Issue of Option Shares;
- (c) a written resolution of the Issuer’s supervisory board dated 7 November 2019, to approve the managing board resolution referred to in paragraph (b) above;
- (d) a written resolution of the Issuer’s managing board dated 13 November 2019, including resolutions to:
 - (i) grant a right to the Underwriters to subscribe for up to a maximum of 1,800,000 Common Shares in aggregate for a price of USD 2.35 per

Common Share, which price per Common Share will be reduced with an amount equal to any dividend or distribution declared by the Issuer and payable on each Common Share, but which is not payable on a Registration Share; all in accordance with the Underwriting Agreement; and

- (ii) exclude all pre-emptive rights in respect thereof; and
- (e) a written resolution of the Issuer's supervisory board dated 13 November 2019, to approve the managing board resolution referred to in paragraph (d) above.

“**De Brauw**” means De Brauw Blackstone Westbroek N.V.

“**Deed of Amendment**” means the deed of amendment of the articles of association of the Issuer (*akte van statutenwijziging*) dated 19 June 2018 increasing the Issuer's authorised share capital to EUR 3,119,500.

“**Deed of Conversion**” means the deed of conversion and amendment of the articles of association of the Issuer (*akte van omzetting en statutenwijziging Affimed Therapeutics B.V. (na omzetting en statutenwijziging genaamd: Affimed N.V.)*) dated 17 September 2014 providing for the conversion of the Issuer into a limited liability company and amendment of its articles of association.

“**Deed of Issue of Option Shares**” means the deed of issue of option shares dated 13 November 2019 providing for the issue of the Registration Shares.

“**Dutch law**” means the law directly applicable in the Netherlands.

“**Issuer**” means Affimed N.V., with seat in Amsterdam, Trade Register number 60673389.

“**Registration**” means the registration of the Registration Shares with the SEC under the Securities Act.

“**Registration Shares**” means the 1,800,000 Common Shares issued to the Underwriters on 13 November 2019.

“**Registration Statement**” means the Issuer's registration statement on form F-3 (Registration no. 333-227933) originally filed with the SEC on 22 October 2018 as amended as of its effective date (excluding any documents incorporated by reference in it or any exhibits to it), including a base prospectus dated 7 November 2018 as modified by a preliminary prospectus supplement dated 7 November 2019 and a final prospectus supplement dated 7 November 2019.

“**SEC**” means the U.S. Securities and Exchange Commission.

“**Securities Act**” means the U.S. Securities Act of 1933, as amended.

“**Shareholders’ Register**” means the Issuer’s shareholders register.

“**the Netherlands**” means the part of the Kingdom of the Netherlands located in Europe.

“**Trade Register Extract**” means a Trade Register extract relating to the Issuer provided by the Chamber of Commerce and dated 8 November 2019.

“**Underwriters**” means the underwriters named in the Underwriting Agreement.

“**Underwriting Agreement**” means the underwriting agreement dated 7 November 2019 between the Issuer and the Underwriters.

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Annex 2 – Board Certificate

BOARD CERTIFICATE

FROM THE MANAGEMENT BOARD OF AFFIMED N.V.

DATED 13 November 2019

THE UNDERSIGNED:

1. **Adolf Hoess**, born in Hausham, Germany, on 23 December 1961;
2. **Florian Heinz Martin Fischer**, born in München, Germany, on 3 January 1968; and
3. **Wolfgang Fischer**, born in Stokach, Germany, on 5 January 1964,

acting in their capacity as managing directors of **Affimed N.V.**, a public limited liability company with corporate seat in Amsterdam, the Netherlands and having its principal office in Heidelberg, Germany (the “**Issuer**”),

BACKGROUND:

- (a) The Issuer intends to seek the Registration with the SEC of the Registration Shares.
- (b) In connection with the Registration, on the date of this Board Certificate, De Brauw Blackstone Westbroek N.V. intends to issue a legal opinion in the form attached to this certificate (the “**Legal Opinion**”).
- (c) This Board Certificate is the “Board Certificate” as defined in the Legal Opinion.
- (d) The undersigned make the certifications in this Board Certificate after due and careful consideration and after having made all necessary enquiries.

1 CONSTRUCTION

1.1 Terms defined in the Legal Opinion have the same meaning in this Board Certificate.

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1.2 In this Board Certificate “**including**” means “including without limitation”.

2 CERTIFICATION:

Each undersigned certifies the following.

2.1 Authenticity

- (a) As at the date of this Board Certificate:
 - (i) all information regarding the Issuer registered or on file with the Dutch Trade Register; and
 - (ii) all information in the Shareholders’ Register;is correct, complete and up to date.
- (b) As at the date of each Corporate Resolution, the relevant Board Regulations were in force.

2.2 Solvency

The Issuer is not subject to any bankruptcy proceedings, suspension of payments, emergency measures, other insolvency proceedings as defined in Article 2(4) of Regulation (EU) 2015/848 of the European Parliament and of the Council of 20 May 2015 on insolvency proceedings (recast), or other rules regulating conflicts between the rights of creditors or intervention and other measures in relation to financial enterprises or their affiliated entities.

2.3 Issue documentation

- (a) As at the date of this Board Certificate, each Corporate Resolution and the Deed of Issue of Option Shares remains in force without modification.
- (b) Each undersigned believes that each Corporate Resolution is reasonable and fair (including in relation to all the Issuer’s shareholders).
- (c) No undersigned is aware of any fact or circumstance (including (i) any lack of capacity of any person, (ii) any conflict of interest, (iii) any force (*bedreiging*), fraud (*bedrog*), undue influence (*misbruik van omstandigheden*) or mistake (*dwaling*), and (iv) any amendment or supplement) which he understands or suspects has or may have the effect that any document referred to in paragraph (a) above will or may cease to be in force without modification at any time.

2.4 Issue

- (a) At the time of the issue of the Registration Shares the difference between (i) the number of Common Shares included in the Issuer's authorised share capital, minus (ii) the number of outstanding Common Shares, minus (iii) the number of any outstanding rights to acquire Common Shares, was sufficient to allow for the issue.
- (b) An amount of USD 4,230,000 was paid on the Registration Shares by means of transfer to a bank account designated by the Issuer (in accordance with the Deed of Issue of Option Shares and the Underwriting Agreement).

2.5 General

No undersigned is aware of:

- (a) any claim (whether actual or threatened and including any claim, litigation, arbitration or administrative or regulatory proceedings) to the contrary of the certifications in this Board Certificate; or
- (b) any fact or circumstance which he understands or suspects has or might have any impact on the correctness of the Legal Opinion and which has not been disclosed to De Brauw in writing.

3 RELIANCE

De Brauw may rely on this Board Certificate (without personal liability for the undersigned).

4 IN EVIDENCE WHEREOF:

this Board Certificate was signed in the manner set out below.

(Signature page to follow)

/S/ Adolf Hoess

Name: Adolf Hoess
Title: Chief Executive Officer

/S/ Florian Heinz Martin Fischer

Name: Florian Heinz Martin Fischer
Title: Chief Financial Officer

/S/ Wolfgang Fischer

Name: Wolfgang Fischer
Title: Chief Operating Officer

(Signature page to Board Certificate)

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