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

**FORM S-8
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

CODEXIS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

71-0872999
(I.R.S. Employer
Identification Number)

200 Penobscot Drive
Redwood City, CA 94063
(Address of Principal Executive Offices including Zip Code)

Codexis, Inc. John Nicols Stock Option Grant Notice and Stock Option Agreement
(Full Title of the Plan)

John J. Nicols
President and Chief Executive Officer
Codexis, Inc.

200 Penobscot Drive
Redwood City, CA 94063
(650) 421-8100
(Name and Address, Including Zip Code, and Telephone Number,
Including Area Code, of Agent for Service)

Copy To:

Patrick A. Pohlen, Esq.
Kathleen M. Wells, Esq.
Latham & Watkins LLP
140 Scott Drive
Menlo Park, California 94025
(650) 328-4600

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definition of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. Check one:

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

CALCULATION OF REGISTRATION FEE

Title of Securities To Be Registered	Amount To Be Registered(1)	Proposed Maximum Offering Price Per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock, \$0.0001 Par Value, issuable pursuant to the Codexis, Inc. John Nicols Stock Option Grant Notice and Stock Option Agreement	377,535(2)	\$3.46(3)	\$1,306,271.10	\$162.64

- (1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement shall also cover any additional shares of the Registrant's common stock that become issuable under the Codexis, Inc. John Nicols Stock Option Grant Notice and Stock Option Agreement by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the registrant's receipt of consideration which would increase the number of outstanding shares of common stock.
- (2) Represents 377,535 shares of common stock available for issuance upon the vesting and exercise of a stock option grant by the Registrant to John Nicols on June 13, 2012 in reliance on the employment inducement award exemption under Rule 5635(c)(4) of The Nasdaq Stock Market Rules.
- (3) Such shares are issuable upon the vesting and exercise of an outstanding stock option with a fixed exercise price. Pursuant to Rule 457(h)(1) of the Securities Act, the aggregate offering price and the fee have been computed upon the basis of the price at which the option may be exercised, which is equal to the closing price of the Registrant's common stock on June 13, 2012, as reported on The Nasdaq Global Select Market.

This registration statement will become effective upon filing in accordance with Rule 462 under the Securities Act.

Proposed sale to take place as soon after the effective date of the registration statement as the inducement stock option is exercised and/or vests.

EXPLANATORY NOTE

This registration statement on Form S-8 registers 377,535 shares of the Registrant's common stock, par value \$0.0001 per share (the "Common Stock"), issuable upon the vesting and exercise of a stock option grant by the Registrant to John Nicols in reliance on the employment inducement award exemption under Rule 5635(c)(4) of The Nasdaq Stock Market Rules.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The information called for in Part I of Form S-8 is not being filed with or included in this Form S-8 (by incorporation by reference or otherwise) in accordance with the rules and regulations of the Securities and Exchange Commission (the "SEC").

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

In this registration statement, Codexis, Inc. is sometimes referred to as "Registrant," "we," "us" or "our."

Item 3. Incorporation of Documents by Reference.

The SEC allows us to "incorporate by reference" the information we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this registration statement, and later information filed with the SEC will automatically update and supersede this information. We hereby incorporate by reference into this registration statement the following documents previously filed with the SEC:

- (a) The Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2017, filed by the Registrant with the SEC on March 15, 2018 (File No. 001-34705), including the information specifically incorporated by reference therein from the Registrant's Definitive Proxy Statement on Schedule 14A filed with the SEC on April 27, 2018;
- (b) The Registrant's Quarterly Report on Form 10-Q for the quarter ended March 31, 2018, filed by the Registrant with the SEC on May 10, 2018 (File No. 001-34705);
- (c) The Registrant's Current Report on Form 8-K, filed by the Registrant with the SEC on April 10, 2018 (File No. 001-34705); and
- (e) The description of the Common Stock contained in the Registrant's registration statement on Form 8-A (File No. 001-34705), filed by the Registrant with the SEC under Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), on April 19, 2010, including any amendments or reports filed for the purpose of updating such description.

All documents that the Registrant subsequently files pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment to the registration statement which indicates that all of the shares of Common Stock offered have been sold or which deregisters all of such shares then remaining unsold, shall be deemed to be incorporated by reference in this registration statement and to be a part hereof from the date of the filing of such documents; except as to any portion of any future annual or quarterly report to stockholders, or document or current report furnished under any current or future items of Form 8-K (including current Items 2.02 and 7.01), in each case, that is not deemed filed under such provisions. For the purposes of this registration statement, any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

Under no circumstances will any information filed under current Items 2.02 or 7.01 of Form 8-K be deemed incorporated herein by reference unless such Form 8-K expressly provides to the contrary.

Item 4. Description of Securities.

Not Applicable.

Item 5. Interests of Named Experts and Counsel.

Latham & Watkins LLP, counsel to the Registrant, and certain attorneys and investment funds affiliated with the firm collectively own an aggregate of less than 1% of the Registrant's Common Stock.

Item 6. Indemnification of Directors and Officers.

Pursuant to section 145 of the Delaware General Corporation Law (the "DGCL"), a corporation has the power to indemnify a party to any threatened, pending, or completed legal proceeding by reason of his or her service on behalf of a corporation. The DGCL further mandates that indemnification shall be made to any such person who has been successful "on the merits" or "otherwise" with respect to the defense of any such proceeding, but does not require indemnification in any other circumstances. The DGCL provides that a corporation has the power to indemnify a director, officer, employee or agent of the corporation and certain other persons serving at the request of the corporation in related capacities against amounts paid and expenses incurred in connection with an action or proceeding to which he or she is or is threatened to be made a party by reason of such position, if such person has acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, in any criminal proceeding, if such person had no reasonable cause to believe his or her conduct was unlawful; provided that, in the case of actions brought by or in the right of the corporation, no indemnification may be made with respect to any matter as to which such person has been adjudged to be liable to the corporation unless and only to the extent that the adjudicating court determines that such indemnification is proper under the circumstances. A corporation may advance the expenses incurred in defending such a proceeding upon the giving of an undertaking, or promise, to repay such sums in the event it is later determined that such indemnitee is not entitled to be indemnified.

The Registrant's amended and restated certificate of incorporation provides that the Registrant may, and the Registrant's amended and restated bylaws provide that the Registrant shall, indemnify and advance expenses to each the Registrant's directors and officers, and may indemnify and advance expenses to the Registrant's employees and other agents, to the fullest extent permitted by the DGCL, as described above.

The Registrant has also entered into indemnification agreements with each of its directors and executive officers, and certain other of its employees, in addition to the indemnification provisions provided for in its amended and restated certificate of incorporation and amended and restated bylaws. Subject to the limitations of the DGCL and other applicable law, these agreements provide for the indemnification of the Registrant's directors, officers and some employees for certain expenses and liabilities incurred in connection with any action, suit, proceeding or alternative dispute resolution mechanism, or hearing, inquiry or investigation that may lead to the foregoing, to which they are a party or participant in, or are threatened to be made a party or participant in, by reason of the fact that they are or were a director, officer, employee, agent or fiduciary of the Registrant, or any of the Registrant's subsidiaries, by reason of any action or inaction by them while serving as an officer, director, agent or fiduciary, or by reason of the fact that they were serving at the Registrant's request as a director, officer, employee, agent or fiduciary of another entity. In the case of an action or proceeding by or in the right of the Registrant or any of its subsidiaries, no indemnification will be provided for any claim where a court determines that the indemnified party is prohibited from receiving indemnification. The Registrant intends to enter into indemnification agreements with any new directors and executive officers in the future.

The Registrant has purchased and will maintain insurance on behalf of any person who is or was a director or officer against any loss arising from any claim asserted against him or her and incurred by him or her in that capacity, subject to certain exclusions and limits of the amount of coverage.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit No.	Description
4.1	<u>Amended and Restated Certificate of Incorporation of Codexis, Inc. (incorporated by reference from Exhibit 3.1 to the Registrant's Quarterly Report on Form 10-Q, filed with the SEC on May 28, 2010 (File No. 001-34705)).</u>
4.2	<u>Amended and Restated Bylaws of Codexis, Inc. (incorporated by reference from Exhibit 3.2 to the Registrant's Quarterly Report on Form 10-Q, filed with the SEC on May 28, 2010 (File No. 001-34705)).</u>
4.3	<u>Form of Codexis, Inc.'s Common Stock Certificate (incorporated by reference from Exhibit 4.1 to the Registrant's Registration Statement on Form S-1/A, filed with the SEC on March 31, 2010 (File No. 333-164044)).</u>
5.1	<u>Opinion of Latham & Watkins LLP.</u>
10.1	<u>Codexis, Inc. John Nicols Stock Option Grant Notice and Stock Option Agreement.</u>
23.1	<u>Consent of Latham & Watkins LLP (included in Exhibit 5.1 hereto).</u>
23.2	<u>Consent of Independent Registered Public Accounting Firm.</u>
24.1	<u>Power of Attorney (included in the signature page to this registration statement).</u>

Item 9. Undertakings.

(a) The Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the registration statement is on Form S-8 and the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the SEC by the Registrant pursuant to Section 13 or 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(h) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Redwood City, State of California, on this 11th day of May, 2018.

CODEXIS, INC.

By: /s/ John J. Nicols
John J. Nicols
President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose individual signature appears below hereby authorizes and appoints John J. Nicols and Gordon T. B. Sangster, and each of them, with full power of substitution and resubstitution and full power to act without the other, as his or her true and lawful attorney-in-fact and agent to act in his or her name, place and stead and to execute in the name and on behalf of each person, individually and in each capacity stated below, and to file any and all amendments to this Registration Statement, including any and all post-effective amendments and amendments thereto, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing, ratifying and confirming all that said attorneys-in-fact and agents or any of them or their or his substitute or substitutes may lawfully do or cause to be done by virtue thereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the date indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ John J. Nicols</u> John J. Nicols	President, Chief Executive Officer and Director (Principal Executive Officer)	May 11, 2018
<u>/s/ Gordon T. B. Sangster</u> Gordon T. B. Sangster	Senior Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)	May 11, 2018
<u>/s/ Bernard J. Kelley</u> Bernard J. Kelley	Chairman of the Board of Directors	May 11, 2018
<u>/s/ Thomas R. Baruch</u> Thomas R. Baruch	Chairman Emeritus, Director	May 11, 2018
<u>/s/ Pam P. Cheng</u> Pam P. Cheng	Director	May 11, 2018
<u>/s/ Byron L. Dorgan</u> Byron L. Dorgan	Director	May 11, 2018
<u>/s/ Kathleen S. Glaub</u> Kathleen S. Glaub	Director	May 11, 2018
<u>/s/ David V. Smith</u> David V. Smith	Director	May 11, 2018

/s/ Dennis P. Wolf
Dennis P. Wolf

Director

May 11, 2018

/s/ Patrick Y. Yang
Patrick Y. Yang

Director

May 11, 2018

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LATHAM & WATKINS LLP

May 11, 2018

Codexis, Inc.
200 Penobscot Drive
Redwood City, CA 94063

Milan Washington, D.C.

Re: Registration Statement on Form S-8: 377,535 shares of common stock, par value \$0.0001 per share

Ladies and Gentlemen:

We have acted as special counsel to Codexis, Inc., a Delaware corporation (the “*Company*”), in connection with the registration by the Company of 377,535 shares of common stock of the Company, par value \$0.0001 per share (the “*Shares*”), issuable under the Codexis, Inc. John Nicols Stock Option Grant Notice and Stock Option Agreement (the “*Inducement Grant*”). The Shares are included in a registration statement on Form S-8 under the Securities Act of 1933, as amended (the “*Securities Act*”), filed with the Securities and Exchange Commission (the “*Commission*”) on May 11, 2018 (the “*Registration Statement*”). This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or the prospectus forming a part thereof, other than as expressly stated herein with respect to the issuance of the Shares.

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Company and others as to factual matters without having independently verified such factual matters. We are opining herein as to the General Corporation Law of the State of Delaware (the “*DGCL*”), and we express no opinion with respect to any other laws.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, when the Shares shall have been duly registered on the books of the transfer agent and registrar therefor in the name or on behalf of the purchaser, and have been issued by the Company against payment therefor (not less than par value) in the circumstances contemplated by and pursuant to the Inducement Grant, the issuance and sale of the Shares will have been duly authorized by all necessary corporate action of the Company and the Shares will be validly issued, fully paid and non-assessable. In rendering the foregoing opinion, we have assumed that the Company will comply with all applicable notice requirements regarding uncertificated shares provided in the DGCL.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Securities Act. We consent to your filing this opinion as an exhibit to the Registration Statement. In giving such

LATHAM & WATKINS LLP

consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Latham & Watkins LLP

CODEXIS, INC.

JOHN NICOLS
STOCK OPTION GRANT NOTICE AND
STOCK OPTION AGREEMENT

Codexis, Inc., a Delaware corporation, (the "Company") hereby grants to the holder listed below ("Participant"), an option to purchase the number of shares of the Company's common stock ("Stock"), set forth below (the "Option"). This Option is subject to all of the terms and conditions set forth herein and the Stock Option Agreement attached hereto as Exhibit A (the "Stock Option Agreement"), which is incorporated herein by reference. Unless otherwise defined herein, the terms are defined in Article 1 of the Stock Option Agreement.

Participant: John J. Nicols

Grant Date: June 13, 2012

Exercise Price per Share: \$3.46

Total Exercise Price: \$1,384,000.00

Total Number of Shares Subject to the Option: 400,000 shares

Expiration Date: June 13, 2022

Vesting Schedule: The shares subject to this Option shall vest and become exercisable as to 25% of the total number of shares subject to the Option on June 13, 2013, and 1/48th of the total number of shares subject to the Option shall vest and become exercisable monthly thereafter, such that the Option would be fully vested and exercisable on June 13, 2016, subject to Participant's continued service with the Company through each such vesting date.

Type of Option: This Option is a Non-Qualified Stock Option

By executing this Grant Notice below, Participant agrees to be bound by the terms and conditions of the Stock Option Agreement and this Grant Notice. Participant has reviewed the Stock Option Agreement and this Grant Notice in their entirety, has had an opportunity to obtain the advice of counsel prior to executing this Grant Notice and fully understands all provisions of this Grant Notice and the Stock Option Agreement. Participant hereby agrees to accept as binding, conclusive and final all decisions or interpretations of the Administrator upon any questions arising under this Grant Notice or the Stock Option Agreement.

CODEXIS, INC.:

By: /s/ Douglas T. Sheehy

Print Name: Douglas T. Sheehy

Title: SVP, General Council & Secretary

Address: 200 Penobscot Drive
Redwood City, CA 94063

PARTICIPANT:

By: /s/ John J. Nicols

Print Name: John J. Nicols

Address: #####
#####

EXHIBIT A

TO JOHN NICOLS STOCK OPTION GRANT NOTICE

STOCK OPTION AGREEMENT

Pursuant to the Stock Option Grant Notice (the "Grant Notice") to which this Stock Option Agreement (this "Agreement") is attached, Codexis, Inc., a Delaware corporation (the "Company"), has granted to Participant an Option to purchase the number of shares of Stock indicated in the Grant Notice.

ARTICLE 1.

DEFINED TERMS

Wherever the following terms are used in this Agreement, they shall have the meanings specified below.

1.1 "Administrator" shall mean the Committee.

1.2 "Board" shall mean the Board of Directors of the Company.

1.3 "Change in Control" shall mean and includes each of the following:

(a) A transaction or series of transactions (other than an offering of Stock to the general public through a registration statement filed with the Securities and Exchange Commission) whereby any "person" or related "group" of "persons" (as such terms are used in Sections 13(d) and 14(d)(2) of the Exchange Act) (other than the Company, any of its parents or subsidiaries, an employee benefit plan maintained by the Company or any of its subsidiaries or a "person" that, prior to such transaction, directly or indirectly controls, is controlled by, or is under common control with, the Company) directly or indirectly acquires beneficial ownership (within the meaning of Rule 13d-3 under the Exchange Act) of securities of the Company possessing more than 50% of the total combined voting power of the Company's securities outstanding immediately after such acquisition; or

(b) During any period of two consecutive years, individuals who, at the beginning of such period, constitute the Board together with any new director(s) (other than a director designated by a person who shall have entered into an agreement with the Company to effect a transaction described in Section 1.2(a) or Section 1.2(c)) whose election by the Board or nomination for election by the Company's stockholders was approved by a vote of at least two-thirds of the directors then still in office who either were directors at the beginning of the two-year period or whose election or nomination for election was previously so approved, cease for any reason to constitute a majority thereof; or

(c) The consummation by the Company (whether directly involving the Company or indirectly involving the Company through one or more intermediaries) of (x) a merger, consolidation, reorganization, or business combination or (y) a sale or other disposition of all or substantially all of the Company's assets in any single transaction or series of related transactions or (z) the acquisition of assets or stock of another entity, in each case other than a transaction:

(i) Which results in the Company's voting securities outstanding immediately before the transaction continuing to represent (either by remaining outstanding or by being converted into voting securities of the Company or the person that, as a result of the transaction, controls, directly or indirectly, the Company or owns, directly or indirectly, all or substantially all of the

Company's assets or otherwise succeeds to the business of the Company (the Company or such person, the "Successor Entity") directly or indirectly, at least a majority of the combined voting power of the Successor Entity's outstanding voting securities immediately after the transaction, and

(ii) After which no person or group beneficially owns voting securities representing 50% or more of the combined voting power of the Successor Entity; *provided, however*, that no person or group shall be treated for purposes of this Section 1.2(c)(ii) as beneficially owning 50% or more of combined voting power of the Successor Entity solely as a result of the voting power held in the Company prior to the consummation of the transaction; or

(d) The Company's stockholders approve a liquidation or dissolution of the Company.

The Administrator shall have full and final authority, which shall be exercised in its discretion, to determine conclusively whether a Change in Control of the Company has occurred pursuant to the above definition, and the date of the occurrence of such Change in Control and any incidental matters relating thereto.

1.4 "Code" shall mean the Internal Revenue Code of 1986, as amended from time to time.

1.5 "Committee" shall mean the Compensation Committee of the Board.

1.6 "Consultant" shall mean any consultant or adviser engaged to provide services to the Company or any Subsidiary that qualifies as a consultant under the applicable rules of the Securities and Exchange Commission for registration of shares on a Form S-8 Registration Statement.

1.7 "Employee" shall mean any officer or other employee (as determined in accordance with Section 3401(c) of the Code and the Treasury Regulations thereunder) of the Company or of any Subsidiary.

1.8 "Equity Restructuring" shall mean a nonreciprocal transaction between the Company and its stockholders, such as a stock dividend, stock split, spin-off, rights offering or recapitalization through a large, nonrecurring cash dividend, that affects the number or kind of shares of Stock (or other securities of the Company) or the share price of Stock (or other securities) and causes a change in the per share value of the Stock underlying the Option.

1.9 "Exchange Act" shall mean the Securities Exchange Act of 1934, as amended from time to time.

1.10 "Fair Market Value" shall mean, as of any given date, the value of a share of Stock determined as follows:

(a) If the Stock is listed on any established stock exchange (such as the New York Stock Exchange, the NASDAQ Global Market and the NASDAQ Global Select Market) or national market system, its Fair Market Value shall be the closing sales price for a share of Stock as quoted on such exchange or system for such date or, if there is no closing sales price for a share of Stock on the date in question, the closing sales price for a share of Stock on the last preceding date for which such quotation exists, as reported in *The Wall Street Journal* or such other source as the Administrator deems reliable;

(b) If the Stock is not listed on an established stock exchange or national market system, but the Stock is regularly quoted by a recognized securities dealer, its Fair Market Value shall be

the mean of the high bid and low asked prices for such date or, if there are no high bid and low asked prices for a share of Stock on such date, the high bid and low asked prices for a share of Stock on the last preceding date for which such information exists, as reported in *The Wall Street Journal* or such other source as the Administrator deems reliable; or

(c) If the Stock is neither listed on an established stock exchange or a national market system nor regularly quoted by a recognized securities dealer, its Fair Market Value shall be established by the Administrator in good faith.

1.11 “Non-Employee Director” shall mean a Director of the Company who is not an Employee.

1.12 “Non-Qualified Stock Option” shall mean a stock option not described in Sections 422(b) or 423(b) of the Code.

1.13 “Subsidiary” means any entity (other than the Company), whether domestic or foreign, in an unbroken chain of entities beginning with the Company if each of the entities other than the last entity in the unbroken chain beneficially owns, at the time of the determination, securities or interests representing more than 50% of the total combined voting power of all classes of securities or interests in one of the other entities in such chain.

1.14 “Termination of Service” shall mean the time when the employee-employer relationship between Participant and the Company or any Subsidiary is terminated for any reason, including, without limitation, a termination by resignation, discharge, death, disability or retirement; but excluding terminations where Participant simultaneously commences or remains in employment or service with the Company or any Subsidiary. The Administrator, in its sole discretion, shall determine the effect of all matters and questions relating to a Termination of Service, including, without limitation, the question of whether a Termination of Service resulted from a discharge for cause and all questions of whether particular leaves of absence constitute a Termination of Service.

ARTICLE 2.

GRANT OF OPTION

2.1 Grant of Option. In consideration of Participant’s agreement to commence and continue in the employ of the Company or a Subsidiary and for other good and valuable consideration, effective as of the Grant Date set forth in the Grant Notice (the “Grant Date”), the Company grants to Participant the Option to purchase any part or all of an aggregate of the number of shares of Stock set forth in the Grant Notice, upon the terms and conditions set forth in this Agreement, subject to adjustments as provided in Section 5.1 hereof. This Option shall be a Non-Qualified Stock Option.

2.2 Exercise Price. The exercise price of the shares of Stock subject to the Option shall be as set forth in the Grant Notice, without commission or other charge; *provided, however*, that the price per share of the shares of Stock subject to the Option shall not be less than 100% of the Fair Market Value of a share of Stock on the Grant Date.

2.3 Consideration to the Company. In consideration of the grant of the Option by the Company, Participant agrees to render faithful and efficient services to the Company or any Subsidiary. Nothing in this Agreement shall confer upon Participant any right to continue in the employ of the Company or any Subsidiary or shall interfere with or restrict in any way the rights of the Company and its Subsidiaries, which rights are hereby expressly reserved, to discharge or terminate the services of Participant at any time for any reason whatsoever, with or without cause, except to the extent expressly provided otherwise in a written agreement between the Company or a Subsidiary and Participant.

ARTICLE 3.

PERIOD OF EXERCISABILITY

3.1 Commencement of Exercisability.

(a) Subject to Sections 3.2, 3.3, 5.10 and 5.15 hereof, the Option shall become vested and exercisable in such amounts and at such times as are set forth in the Grant Notice.

(b) No portion of the Option which has not become vested and exercisable at the date of Participant's Termination of Service shall thereafter become vested and exercisable, except as may be otherwise provided by the Administrator or as set forth in a written agreement between the Company and Participant.

(c) Notwithstanding Sections 3.1(a) hereof and the Grant Notice, but subject to Section 3.1(b) hereof, pursuant to Section 5.1 hereof, the Option shall become fully vested and exercisable with respect to all shares of Stock covered thereby in the event of a Change in Control, in connection with which the successor corporation does not assume the Option or substitute an equivalent right for the Option. Should the successor corporation assume the Option or substitute an equivalent right, then no such acceleration shall apply.

3.2 Duration of Exercisability. The installments provided for in the vesting schedule set forth in the Grant Notice are cumulative. Each such installment which becomes vested and exercisable pursuant to the vesting schedule set forth in the Grant Notice shall remain vested and exercisable until it becomes unexercisable under Section 3.3 hereof. The vesting of the Option may be accelerated by the Administrator at such times and in such amounts as it shall determine in its sole discretion, as otherwise provided for in this Agreement or as set forth in a written agreement between the Company and Participant.

3.3 Expiration of Option. The Option may not be exercised to any extent by anyone after the first to occur of the following events:

(a) The Expiration Date set forth in the Grant Notice, which shall in no event be more than ten (10) years from the Grant Date;

(b) The expiration of three (3) months from the date of Participant's Termination of Service, unless such termination occurs by reason of Participant's death or disability or the exercise period is extended by the Administrator until a date not later than the Expiration Date of the Option; or

(c) The expiration of one (1) year from the date of Participant's Termination of Service by reason of Participant's death or disability, unless the exercise period is extended by the Administrator until a date not later than the Expiration Date of the Option.

(d) Unvested Options shall terminate immediately upon Participant's Termination of Services.

3.4 Tax Indemnity.

(a) The Participant agrees to indemnify and keep indemnified the Company, any Subsidiary and his/her employing company, if different, from and against any liability for or obligation to pay any Tax Liability (a "Tax Liability" being any liability for income tax, withholding tax and any other employment related taxes or social security contributions in any jurisdiction) that is attributable to (1) the grant or exercise of, or any benefit derived by the Participant from, the Option, (2) the acquisition by the Participant of the Stock on exercise of the Option, or (3) the disposal of any Stock.

(b) The Option cannot be exercised until the Participant has made such arrangements as the Company may require for the satisfaction of any Tax Liability that may arise in connection with the exercise of the Option and/or the acquisition of the Stock by the Participant. The Company shall not be required to issue, allot or transfer Stock until the Employee has satisfied this obligation.

ARTICLE 4.

EXERCISE OF OPTION

4.1 Person Eligible to Exercise. During the lifetime of Participant, only Participant may exercise the Option or any portion thereof. After the death of Participant, any exercisable portion of the Option may, prior to the time when the Option becomes unexercisable under Section 3.3 hereof, be exercised by Participant's personal representative or by any person empowered to do so under the deceased Participant's will or under the then applicable laws of descent and distribution.

4.2 Partial Exercise. Any exercisable portion of the Option or the entire Option, if then wholly exercisable, may be exercised in whole or in part at any time prior to the time when the Option or portion thereof becomes unexercisable under Section 3.3 hereof.

4.3 Manner of Exercise. The Option, or any exercisable portion thereof, may be exercised prior to its expiration to the extent such Option is vested, solely by delivery to the Secretary of the Company (or any third party administrator or other person or entity designated by the Company), during regular business hours, of all of the following prior to the time when the Option or such portion thereof becomes unexercisable under Section 3.3 hereof:

(a) An exercise notice in a form specified by the Administrator, stating that the Option or portion thereof is thereby exercised, such notice complying with all applicable rules established by the Administrator. Such notice of exercise shall be executed and delivered by the person exercising such Options;

(b) The receipt by the Company of full payment for the shares of Stock with respect to which the Option or portion thereof is exercised, including payment of any applicable withholding tax, which shall be made by deduction from other compensation payable to Participant or in such other form of consideration permitted under Section 4.4 hereof that is acceptable to the Company;

(c) Any other written representations as may be required in the Administrator's reasonable discretion to evidence compliance with the Securities Act of 1933, as amended (the "Securities Act") or any other applicable law, rule or regulation; and

(d) In the event the Option or portion thereof shall be exercised pursuant to Section 4.1 hereof by any person or persons other than Participant, appropriate proof (satisfactory to the Company in its sole discretion) of the right of such person or persons to exercise the Option.

Notwithstanding any of the foregoing, the Company shall have the right to specify all conditions of the manner of exercise, which conditions may vary by country and which may be subject to change from time to time.

4.4 Method of Payment. Payment of the exercise price shall be by any of the following, or a combination thereof, at the election of Participant:

(a) Cash or check;

(b) With the consent of the Administrator, surrender of shares of Stock (including, without limitation, shares of Stock otherwise issuable upon exercise of the Option) held for such period of time as may be required by the Administrator in order to avoid adverse accounting consequences and having a Fair Market Value on the date of delivery equal to the aggregate exercise price of the Option or exercised portion thereof; or

(c) Other property acceptable to the Administrator (including, without limitation, through the delivery of a notice that Participant has placed a market sell order with a broker with respect to shares of Stock then issuable upon exercise of the Option, and that the broker has been directed to pay a sufficient portion of the net proceeds of the sale to the Company in satisfaction of the Option exercise price; *provided* that payment of such proceeds is then made to the Company at such time as may be required by the Company, but in any event not later than the settlement of such sale).

4.5 Tax Withholding. Participant shall pay to the Company by one of the permitted payment methods under Section 4.4, promptly upon exercise of an Option or, if later, the date that the amount of such obligations becomes determinable, all applicable federal, state, local and foreign withholding taxes that the Administrator, in its discretion, determines to result upon exercise of an Option or from a transfer or other disposition of shares of Stock acquired upon exercise of an Option or otherwise related to an Option or shares of Stock acquired in connection with an Option. The Administrator may in its sole discretion and in satisfaction of the foregoing requirement withhold, or allow Participant to elect to have the Company withhold shares of Stock otherwise issuable under the Option (or allow the surrender of shares of Stock). Unless determined otherwise by the Administrator, the number of shares of Stock which may be so withheld or surrendered shall be limited to the number of shares which have a Fair Market Value on the date of withholding or repurchase no greater than the aggregate amount of such liabilities based on the minimum statutory withholding rates for federal, state, local and foreign income tax and payroll tax purposes that are applicable to such supplemental taxable income. The Administrator shall determine the fair market value of the Stock, consistent with applicable provisions of the Code, for tax withholding obligations due in connection with a broker-assisted cashless Option exercise involving the sale of shares to pay the Option exercise price or any tax withholding obligation.

4.6 Conditions to Issuance of Stock. The shares of Stock deliverable upon the exercise of the Option, or any portion thereof, may be either previously authorized but unissued shares of Stock or issued shares of Stock which have then been reacquired by the Company. Such shares of Stock shall be fully paid and nonassessable. The Company shall not be required to issue or deliver any shares of Stock purchased upon the exercise of the Option or portion thereof prior to fulfillment of all of the following conditions:

(a) The admission of such shares of Stock to listing on all stock exchanges on which such Stock is then listed;

(b) The completion of any registration or other qualification of such shares of Stock under any state or federal law or under rulings or regulations of the Securities and Exchange Commission or of any other governmental regulatory body, which the Administrator shall, in its absolute discretion, deem necessary or advisable;

(c) The obtaining of any approval or other clearance from any state or federal governmental agency which the Administrator shall, in its absolute discretion, determine to be necessary or advisable;

(d) The receipt by the Company of a properly completed and executed notice of exercise, as specified in Section 4.3(a) above, and full payment for such shares of Stock, including payment of any applicable withholding tax, which may be in one or more of the forms of consideration permitted under Section 4.4 hereof; and

(e) The lapse of such reasonable period of time following the exercise of the Option as the Administrator may from time to time establish for reasons of administrative convenience.

4.7 Rights as Stockholder. The holder of the Option shall not be, nor have any of the rights or privileges of, a stockholder of the Company, including, without limitation, voting rights and rights to dividends, in respect of any shares of Stock purchasable upon the exercise of any part of the Option unless and until such shares of Stock shall have been issued by the Company and held of record by such holder (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company). No adjustment will be made for a dividend or other right for which the record date is prior to the date the shares of Stock are issued, except as provided in Section 5.1 hereof.

ARTICLE 5.

OTHER PROVISIONS

5.1 Changes in Stock or Assets of the Company, Acquisition or Liquidation of the Company and Other Corporate Events.

(a) In the event of any stock dividend, stock split, combination or exchange of shares, merger, consolidation or other distribution (other than normal cash dividends) of Company assets to stockholders, or any other change affecting the shares of the Company's stock or the share price of the Company's stock other than an Equity Restructuring, the Administrator may make equitable adjustments, if any, to reflect such change with respect to (i) the number and kind of shares of Stock (or other securities or property) subject to the Option; (ii) the terms and conditions of the Option; and (iii) the exercise price per share for the Option.

(b) In the event of any transaction or event described in Section 5.1(a) or any unusual or nonrecurring transactions or events affecting the Company, any affiliate of the Company, or the financial statements of the Company or any affiliate, or of changes in applicable laws, regulations or accounting principles, the Administrator, in its sole discretion, and on such terms and conditions as it deems appropriate, either by the terms of the Option or by action taken prior to the occurrence of such transaction or event and either automatically or upon Participant's request, is hereby authorized to take any one or more of the following actions whenever the Administrator determines that such action is appropriate in order to prevent dilution or enlargement of the benefits or potential benefits intended to be made available under the Agreement.

(i) To provide for either (A) termination of the Option in exchange for an amount of cash, if any, equal to the amount that would have been attained upon the exercise of the Option or realization of Participant's rights (and, for the avoidance of doubt, if as of the date of the occurrence of the transaction or event described in this Section 5.1 the Administrator determines in good faith that no amount would have been attained upon the exercise of the Option or realization of Participant's rights, then the Option may be terminated by the Company without payment) or (B) the replacement of the Option with other rights or property selected by the Administrator in its sole discretion having an aggregate value not exceeding the amount that could have been attained upon the exercise of the Option or realization of Participant's rights had the Option been currently exercisable or payable or fully vested;

(ii) To provide that the Option be assumed by the successor or survivor corporation, or a parent or subsidiary thereof, or shall be substituted for by similar options, rights or awards covering the stock of the successor or survivor corporation, or a parent or subsidiary thereof, with appropriate adjustments as to the number and kind of shares and prices;

(iii) To make adjustments in the number and type of shares of the Company's stock (or other securities or property) subject to the Option and/or in the terms and conditions of (including the exercise price), and the criteria included in, the Option;

(iv) To provide that the Option shall be exercisable or payable or fully vested with respect to all shares covered thereby, notwithstanding anything to the contrary in the Agreement; and

(v) To provide that the Option cannot vest, be exercised or become payable after such event.

(c) In connection with the occurrence of any Equity Restructuring, and notwithstanding anything to the contrary in Sections 5.1(a) and 5.1(b), the number and type of securities subject to the Option and/or the exercise price hereof, if applicable, shall be equitably adjusted. The adjustments provided under this Section 5.1(c) shall be nondiscretionary and shall be final and binding on Participant and the Company.

(d) Notwithstanding any other provision herein, but subject to Section 5.1(e), in the event of a Change in Control, the Option shall be assumed or an equivalent award substituted by the successor corporation or a parent or subsidiary of the successor corporation.

(e) In the event that the successor corporation in a Change in Control refuses to assume or substitute for the Option upon a Change in Control, the Option shall become fully vested and, if applicable, exercisable and all forfeiture restrictions on the Option shall lapse, in each case, as of immediately prior to the consummation of such Change in Control. If the Option is exercisable in lieu of assumption or substitution in the event of a Change in Control, the Administrator shall notify Participant that the Option shall be fully exercisable for a period of fifteen (15) days from the date of such notice, contingent upon the occurrence of the Change in Control, and the Option shall terminate upon the expiration of such period.

(f) No such adjustment or action shall be authorized to the extent such adjustment or action would result in short-swing profits liability under Section 16 of the Exchange Act or violate the exemptive conditions of Rule 16b-3 of the Exchange Act unless the Administrator determines that the Option is not to comply with such exemptive conditions.

(g) The existence of the Grant Notice, Agreement and the Option shall not affect or restrict in any way the right or power of the Company or the stockholders of the Company to make or

authorize any adjustment, recapitalization, reorganization or other change in the Company's capital structure or its business, any merger or consolidation of the Company, any issue of stock or of options, warrants or rights to purchase stock or of bonds, debentures, preferred or prior preference stocks whose rights are superior to or affect the Stock or the rights thereof or which are convertible into or exchangeable for Stock, or the dissolution or liquidation of the company, or any sale or transfer of all or any part of its assets or business, or any other corporate act or proceeding, whether of a similar character or otherwise.

(h) No action shall be taken under this Section 5.1 which shall cause the Option to fail to comply with Section 409A of the Code or the Treasury Regulations thereunder, to the extent applicable to the Option.

(i) In the event of any pending stock dividend, stock split, combination or exchange of shares, merger, consolidation or other distribution (other than normal cash dividends) of Company assets to stockholders, or any other change affecting the shares of Stock or the share price of the Stock including any Equity Restructuring, for reasons of administrative convenience, the Company in its sole discretion may refuse to permit the exercise of the Option during a period of up to thirty (30) days prior to the consummation of any such transaction.

5.2 Administration. The Administrator shall have the power to interpret this Agreement and to adopt such rules for the administration, interpretation and application of this Agreement as are consistent therewith and to interpret, amend or revoke any such rules. All actions taken and all interpretations and determinations made by the Administrator in good faith shall be final and binding upon Participant, the Company and all other interested persons. No member of the Administrator shall be personally liable for any action, determination or interpretation made in good faith with respect to this Agreement or the Option.

5.3 Whole Shares. The Option may only be exercised for whole shares of Stock.

5.4 Option Not Transferable. Subject to Section 4.1 hereof, the Option may not be sold, pledged, assigned or transferred in any manner other than by will or the laws of descent and distribution, unless and until the shares of Stock underlying the Option have been issued, and all restrictions applicable to such shares of Stock have lapsed. Neither the Option nor any interest or right therein shall be liable for the debts, contracts or engagements of Participant or his or her successors in interest or shall be subject to disposition by transfer, alienation, anticipation, pledge, encumbrance, assignment or any other means whether such disposition be voluntary or involuntary or by operation of law by judgment, levy, attachment, garnishment or any other legal or equitable proceedings (including bankruptcy), and any attempted disposition thereof shall be null and void and of no effect, except to the extent that such disposition is permitted by the preceding sentence.

5.5 Binding Agreement. Subject to the limitation on the transferability of the Option contained herein, this Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto.

5.6 Notices. Any notice to be given under the terms of this Agreement to the Company shall be addressed to the Company in care of the Secretary of the Company at the Company's principal office, and any notice to be given to Participant shall be addressed to Participant at Participant's last address reflected on the Company's records. By a notice given pursuant to this Section 5.6, either party may hereafter designate a different address for notices to be given to that party. Any notice which is required to be given to Participant shall, if Participant is then deceased, be given to the person entitled to exercise his or her Option pursuant to Section 4.1 hereof by written notice under this Section 5.6.

Any notice shall be deemed duly given when sent via email or when sent by certified mail (return receipt requested) and deposited (with postage prepaid) in a post office or branch post office regularly maintained by the United States Postal Service.

5.7 Titles. Titles are provided herein for convenience only and are not to serve as a basis for interpretation or construction of this Agreement.

5.8 Governing Law. The laws of the State of Delaware shall govern the interpretation, validity, administration, enforcement and performance of the terms of this Agreement regardless of the law that might be applied under principles of conflicts of laws.

5.9 Conformity to Securities Laws. Participant acknowledges that this Agreement is intended to conform to the extent necessary with all provisions of the Securities Act and the Exchange Act and any and all regulations and rules promulgated by the Securities and Exchange Commission thereunder, and state securities laws and regulations. Notwithstanding anything herein to the contrary, the Option is granted and may be exercised, only in such a manner as to conform to such laws, rules and regulations. To the extent permitted by applicable law, this Agreement shall be deemed amended to the extent necessary to conform to such laws, rules and regulations.

5.10 Amendments, Suspension and Termination. This Agreement may be wholly or partially amended or otherwise modified, suspended or terminated at any time or from time to time by the Administrator; *provided* that, except as may otherwise be provided herein, no amendment, modification, suspension or termination of this Agreement shall adversely affect the Option in any material way without the prior written consent of Participant.

5.11 Successors and Assigns. The Company may assign any of its rights under this Agreement to single or multiple assignees, and this Agreement shall inure to the benefit of the successors and assigns of the Company. Subject to the restrictions on transfer herein set forth in Section 5.4 hereof, this Agreement shall be binding upon Participant and his or her heirs, executors, administrators, successors and assigns.

5.12 Limitations Applicable to Section 16 Persons. Notwithstanding any other provision of this Agreement, if Participant is subject to Section 16 of the Exchange Act, the Option and this Agreement shall be subject to any additional limitations set forth in any applicable exemptive rule under Section 16 of the Exchange Act (including any amendment to Rule 16b-3 of the Exchange Act) that are requirements for the application of such exemptive rule. To the extent permitted by applicable law, this Agreement shall be deemed amended to the extent necessary to conform to such applicable exemptive rule.

5.13 Not a Contract of Employment. Nothing in this Agreement or in the Grant Notice shall confer upon the Participant any right to continue to serve as an employee or other service provider of the Company or any of its Subsidiaries.

5.14 Entire Agreement. The Grant Notice and this Agreement (including all Exhibits thereto) constitute the entire agreement of the parties and supersede in their entirety all prior undertakings and agreements of the Company and Participant with respect to the subject matter hereof.

5.15 Section 409A. This Option is not intended to constitute “nonqualified deferred compensation” within the meaning of Section 409A of the Code (together with any Department of Treasury regulations and other interpretive guidance issued thereunder, including without limitation any such regulations or other guidance that may be issued after the date hereof, “Section 409A”). However,

notwithstanding any other provision of the Grant Notice or this Agreement (or any Exhibits hereto), if at any time the Administrator determines that the Option (or any portion thereof) may be subject to Section 409A, the Administrator shall have the right in its sole discretion (without any obligation to do so or to indemnify Participant or any other person for failure to do so) to adopt such amendments to the Grant Notice or this Agreement (or any Exhibits hereto), or adopt other policies and procedures (including amendments, policies and procedures with retroactive effect), or take any other actions, as the Administrator determines are necessary or appropriate either for the Option to be exempt from the application of Section 409A or to comply with the requirements of Section 409A.

5.16 Limitation on Participant's Rights. The Option confers no rights or interests other than as herein provided. This Agreement creates only a contractual obligation on the part of the Company as to amounts payable and shall not be construed as creating a trust. Neither this Agreement nor any underlying program, in and of itself, has any assets. Participant shall have only the rights of a general unsecured creditor of the Company with respect to amounts credited and benefits payable, if any, with respect to the Option, and rights no greater than the right to receive the Stock as a general unsecured creditor with respect to options, as and when exercised pursuant to the terms hereof.

5.17 Signature in Counterparts. This Agreement, if provided for acceptance on a paper copy, may be signed in counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument.

Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in the Prospectus constituting a part of this Registration Statement of our reports dated March 15, 2018, relating to the consolidated financial statements and the effectiveness of Codexis, Inc.'s internal control over financial reporting appearing in the Company's Annual Report on Form 10-K for the year ended December 31, 2017.

/s/ BDO USA, LLP
San Jose, California

May 11, 2018