UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): November 6, 2019

Codexis, Inc. (Exact name of Registrant as Specified in its Charter)

Delaware (State or other jurisdiction of incorporation)

001-34705 (Commission File Number)

71-0872999 (I.R.S. Employer Identification No.)

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

(650) 421-8100 (Registrant's telephone number, including area code)

Not Applicable (Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box bel following provisions (see Gen	2	nded to simultaneously satisfy the filing	ng obligation of the registrant under any of the	
Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)				
☐ Soliciting material pursu	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)			
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))				
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))				
Securities registered pursuant to Section 12(b) of the Act: Trading Name of Each Exchange				
Title of Each Class		Symbol(s) CDXS	on Which Registered	
Common Stock, par value \$0.0001 per share		CDAS	The Nasdaq Global Select Market	
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).				
Emerging growth company	1			
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 13(a) of the Exchange Act. \Box				

Item 9.01. Financial Statement and Exhibits

(d) Exhibits.

Exhibit No.	Exhibit Description
5.1	Opinion of Latham & Watkins LLP, relating to and incorporated into Registration Statement No. 333-228693.
23.1	Consent of Latham & Watkins LLP (included in Exhibit 5.1).
104	Cover Page Interactive Data File (formatted as Inline XBRL).

SIGNATURE

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 hereunto duly authorized.

CODEXIS, INC.

Date: November 6, 2019 By: Name: /s/ Ross Taylor

Ross Taylor

Senior Vice President and Chief Financial Officer

LATHAM&WATKINS LLP

November 6, 2019

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

Re: Codexis, Inc.

Ladies and Gentlemen:

140 Scott Drive

Menlo Park, California 94025

Tel: +1.650.328.4600 Fax: +1.650.463.2600

www.lw.com

FIRM / AFFILIATE OFFICES
Beijing Moscow
Boston Munich
Brussels New York
Century City Orange County

Chicago Paris Dubai Riyadh Düsseldorf San Diego Frankfurt San Francisco Hamburg Seoul Hong Kong Shanghai Silicon Valley Houston London Singapore

Los Angeles Tokyo Madrid Washington, D.C.

Milan

We have acted as special counsel to Codexis, Inc., a Delaware corporation (the "Company"), in connection with (a) its filing on December 6, 2018 with the Securities and Exchange Commission (the "Commission") of a registration statement on Form S-3 (as amended, the "Registration Statement"), including a base prospectus (the "Base Prospectus"), which provides that it will be supplemented by one or more prospectus supplements (each such prospectus supplement, together with the Base Prospectus, a "Prospectus"), under the Securities Act of 1933, as amended (the "Act"), relating to the registration for issue and sale by the Company of (i) shares of the Company's common stock, \$0.0001 par value per share ("Common Stock"), (ii) shares of one or more series of the Company's preferred stock, \$0.0001 par value per share, (iii) one or more series of the Company's debt securities to be issued under an indenture to be entered into between the Company, as issuer, and a third party to be identified therein as trustee (a form of which is included as Exhibit 4.6 to the Registration Statement) and one or more board resolutions, supplements thereto or officer's certificates thereunder, (iv) warrants, (v) purchase contracts, and (vi) units, and (b) its filing with the Commission on the date hereof of a prospectus supplement (the "Prospectus Supplement") to the Registration Statement and the Base Prospectus providing for the resale from time to time by the selling stockholders named in the Prospectus Supplement of up to 3,048,780 shares (the "Shares") of the Common Stock. This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or related applicable Prospectus, other than as expressly stated herein with respect to the issue 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, and we express no opinion with respect to any other laws.

November 6, 2019 Page 2

LATHAM@WATKINSUP

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, the issue and sale of the Shares have been duly authorized by all necessary corporate action of the Company, and the Shares are 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 General Corporation Law of the State of Delaware.

This opinion is for your benefit in connection with the Registration Statement and the Prospectus Supplement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Company's Current Report on Form 8-K filed with the Commission on the date hereof and to the reference to our firm in the Registration Statement and Prospectus Supplement under the heading "Legal Matters." In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Latham & Watkins LLP