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

FORM 8-K

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

Date of Report: May 8, 2018
(Date of earliest event reported)

ANAPTYSBIO, INC.
(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of Incorporation)

001-37985	**20-3828755**
(Commission File Number)	(IRS Employer Identification No.)

10421 Pacific Center Court, Suite 200 **San Diego, CA**	**92121**
(Address of Principal Executive Offices)	(Zip Code)

(858) 362-6295
(Registrant's Telephone Number, Including Area Code)

Not Applicable
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
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))

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 ☒

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. ☒

Item 2.02 Results of Operations and Financial Condition.

On May 8, 2018, AnaptysBio, Inc. ("***AnaptysBio***") issued a press release announcing its financial results for the three months ended March 31, 2018. A copy of the press release is attached as Exhibit 99.01 to this Current Report on Form 8-K.

The information in this Item 2.02, including Exhibit 99.01 to this Current Report on Form 8-K, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended. The information contained in this Item 2.02 and in the accompanying Exhibit 99.01 shall not be incorporated by reference into any registration statement or other document filed by AnaptysBio with the Securities and Exchange Commission, whether made before or after the date of this Current Report on Form 8-K, regardless of any general incorporation language in such filing (or any reference to this Current Report on Form 8-K generally), except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

99.01	Press release issued by AnaptysBio regarding its financial results for the three months ended March 31, 2018, dated May 8, 2018.

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 hereunto duly authorized.

AnaptysBio, Inc.

Date: May 8, 2018 By: /s/ Dominic Piscitelli

Name: Dominic Piscitelli
Title: Chief Financial Officer

AnaptysBio Announces First Quarter 2018 Financial Results and Provides Pipeline Updates

Positive Phase 2a Proof-of-Concept Data Reported from ANB020 Trials in Atopic Dermatitis and Peanut Allergy

Top-Line Phase 2a Data from ANB020 in Eosinophilic Asthma Expected in the Third Quarter of 2018

SAN DIEGO, **May 8, 2018** - AnaptysBio, Inc. (Nasdaq: ANAB), a clinical-stage biotechnology company developing first-in-class antibody product candidates focused on unmet medical needs in inflammation, today reported operating results for the first quarter ended March 31, 2018 and provided pipeline updates.

"During the first quarter of 2018, we made significant progress in clinical development of our first-in-class antibody therapeutics for patients with severe inflammatory conditions," said Hamza Suria, president and chief executive officer of AnaptysBio. "We demonstrated proof-of-concept for ANB020 in Phase 2a trials in atopic dermatitis and peanut allergy, and we look forward to further evaluating the efficacy and safety of ANB020 in Phase 2b studies for these indications. We have a number of additional clinical milestones approaching, including top-line Phase 2a data from our ANB020 eosinophilic asthma trial and advancement of our ANB019 Phase 2 trials in patients with generalized pustular psoriasis and palmoplantar pustulosis, which are all important steps toward bringing our novel treatments to patients with severe inflammatory diseases."

ANB020 (Anti-IL-33 Program)

- In February, updated data from the company's Phase 2a trial of ANB020, AnaptysBio's wholly-owned anti-IL-33 antibody program, in adult patients with moderate-to-severe atopic dermatitis were presented at the American Academy of Dermatology (AAD) Annual Meeting in San Diego by the principal investigator of the ANB020 Phase 2a clinical trial, Dr. Graham Ogg, professor of dermatology at Oxford University in Oxford, England. Key observations presented by Dr. Ogg during the aforementioned presentation included that ANB020 was efficacious in all 12 patients enrolled in the trial, day 29 results exceeded the primary efficacy objective of the trial with 83 percent of patients achieving EASI-50, efficacy was sustained in 42 percent of patients through day 140 following a single dose of ANB020 and no safety signals were observed during the trial. These data will also be presented during an oral presentation on Tuesday, May 29, 2018 at the European Academy of Allergy and Clinical Immunology (EAACI) Congress 2018 in Munich.
- The Company has initiated a Phase 2b randomized, double-blinded, placebo-controlled study of ANB020 in 300 adult patients with moderate-to-severe atopic dermatitis to evaluate different subcutaneously administered dose levels and dosing frequencies of ANB020 with data expected in 2019.
- In March, AnaptysBio reported top-line proof-of-concept data from an interim analysis of an ongoing Phase 2a trial in adult patients with moderate-to-severe baseline peanut allergy. After a single dose of ANB020, six of 13 (46%) patients exhibiting moderate-to-severe symptoms, as assessed by a blinded adjudicator using PRACTALL guidelines, during a baseline oral food challenge at enrollment, improved peanut tolerance to the maximum tested cumulative 500mg at day 14 compared to zero of three (0%) dosed with placebo. Allergic symptoms that typically overlap with peanut allergy were observed in four of five (80%) patients dosed with placebo but only one of 15 (7%) ANB020-dosed patients. ANB020 was generally well-tolerated and no serious adverse events have been reported. AnaptysBio plans to report detailed data from this trial at a future medical conference and plans to continue development of ANB020 in a randomized, double-blinded, placebo-controlled subcutaneously-administered multi-dose Phase 2b trial in moderate-to-severe baseline adult peanut allergy patients. The Company anticipates that severity symptoms of all patients in the Phase 2b trial will be adjudicated during baseline and post-treatment oral food challenges by an independent, blinded assessor in accordance with PRACTALL guidelines, and any patients that demonstrate mild severity of symptoms at baseline will be excluded from enrollment in the trial. In

addition, AnaptysBio anticipates that this Phase 2b trial will assess peanut tolerance to a higher cumulative limit than 500mg following multi-dose ANB020 treatment.

- AnaptysBio expects to report top-line data from its ongoing double-blinded, placebo-controlled Phase 2a trial of ANB020 in 24 adult patients with severe eosinophilic asthma in the third quarter of 2018.

ANB019 (Anti-IL-36 Receptor Program)

- Data from the company's Phase 1 healthy volunteer trial of ANB019, its wholly-owned anti-interleukin-36 receptor, or IL-36R therapeutic antibody, will be presented in a poster session on Tuesday, May 29, 2018 at the EAACI Congress 2018 in Munich.
- AnaptysBio has initiated a 10-patient open-label Phase 2 trial of ANB019 in generalized pustular psoriasis (GPP), and plans to initiate a placebo-controlled Phase 2 trial in palmoplantar pustulosis (PPP), previously referred to as palmo-plantar pustular psoriasis, in 2018.

First Quarter Financial Results

- Cash, cash equivalents and investments totaled $310.0 million as of March 31, 2018 compared to $324.3 million as of December 31, 2017, for a decrease of $14.3 million. The decrease primarily relates to operating cash outflow for personnel costs, as well as clinical and manufacturing related expenses.
- Research and development expenses were $11.8 million for the three months ended March 31, 2018, as compared to $7.9 million for the three months ended March 31, 2017. The increase was primarily due to continued advancement of the Company's ANB020 and ANB019 clinical programs and additional personnel-related expenses, including share based compensation, and the recognition of lower research and development tax incentives during the three months ended March 31, 2018.
- General and administrative expenses were $3.9 million for the three months ended March 31, 2018, as compared to $2.1 million for the three months ended March 31, 2017. The increase was primarily attributable to additional personnel-related expenses, including share based compensation, to support the Company's growth.

Financial Guidance

AnaptysBio expects that its cash, cash equivalents and investments will fund its current operating plan through the end of 2019.

About ANB020
ANB020 is an antibody that potently binds and inhibits the activity of interleukin-33, or IL-33, a pro-inflammatory cytokine that multiple studies have indicated is a central mediator of atopic diseases, including atopic dermatitis, food allergies and asthma. Following completion of a healthy volunteer Phase 1 trial of ANB020, AnaptysBio has continued clinical development of ANB020 into a Phase 2a trial for moderate-to-severe adult atopic dermatitis, a 20-patient placebo-controlled Phase 2a trial in adult peanut allergy patients where top-line data were reported in the first quarter of 2018 and a 24-patient placebo-controlled Phase 2a trial in severe adult eosinophilic asthma patients where top-line data are anticipated in the third quarter 2018. AnaptysBio has initiated a placebo-controlled multi-dose Phase 2b clinical trial of ANB020 in 300 moderate-to-severe adult atopic dermatitis patients where data is anticipated in 2019. AnaptysBio also plans to initiate a multi-dose Phase 2b clinical of ANB020 in moderate-to-severe baseline adult peanut allergy patients.

About ANB019
ANB019 is an antibody that inhibits the function of the interleukin-36-receptor, or IL-36R, which AnaptysBio plans to initially develop as a potential first-in-class therapy for patients suffering from generalized pustular psoriasis (GPP) and palmoplantar pustulosis (PPP), previously referred to as palmo-plantar pustular psoriasis. AnaptysBio conducted a Phase 1 clinical trial in healthy volunteers, where 54 subjects are dosed with ANB019 and 18 are dosed with placebo in single and multi-dose cohorts at various subcutaneous and intravenously administered dose levels.

In November 2017, AnaptysBio announced positive top-line results from an interim analysis of this Phase 1 clinical trial, which demonstrated favorable safety, pharmacokinetics and pharmacodynamic properties that support advancement of ANB019 into Phase 2 studies. AnaptysBio plans to initiate Phase 2 studies of ANB019 in GPP and PPP in 2018.

About AnaptysBio
AnaptysBio is a clinical-stage biotechnology company developing first-in-class antibody product candidates focused on unmet medical needs in inflammation. The company's proprietary anti-inflammatory pipeline includes its anti-IL-33 antibody (ANB020) for the treatment of moderate-to-severe adult atopic dermatitis, moderate-to-severe baseline adult peanut allergy and severe adult eosinophilic asthma; its anti-IL-36R antibody (ANB019) for the treatment of rare inflammatory diseases, including generalized pustular psoriasis (GPP) and palmoplantar pustulosis (PPP), previously referred to as palmo-plantar pustular psoriasis; and a portfolio of checkpoint receptor agonist antibodies for the treatment of certain autoimmune diseases where immune checkpoint receptors are insufficiently activated, which have demonstrated efficacy in an animal model of graft-versus-host disease. AnaptysBio's antibody pipeline has been developed using its proprietary somatic hypermutation (SHM) platform, which uses in vitro SHM for antibody discovery and is designed to replicate key features of the human immune system to overcome the limitations of competing antibody discovery technologies. AnaptysBio has also developed multiple therapeutic antibodies in an immuno-oncology partnership with TESARO and an inflammation partnership with Celgene, including an anti-PD-1 antagonist antibody (TSR-042), an anti-TIM-3 antagonist antibody (TSR-022) and an anti-LAG-3 antagonist antibody (TSR-033), which are currently under clinical development with TESARO, and an anti-PD-1 checkpoint agonist antibody (CC-90006) currently in the clinic with Celgene.

Forward-Looking Statements
This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, including, but not limited to: the timing of the release of data from our clinical trials, including ANB020's Phase 2a trial severe adult eosinophilic asthma patients, and Phase 2b clinical trial in moderate-to-severe adult atopic dermatitis patients; our ability to launch a Phase 2b clinical trial of ANB020 in moderate-to-severe adult atopic dermatitis patients and moderate-to-severe baseline adult peanut allergy patients; Phase 2 clinical trials of ANB019 in GPP and PPP and the success of our partnership with TESARO and Celgene. Statements including words such as "plan," "continue," "expect," or "ongoing" and statements in the future tense are forward-looking statements. These forward-looking statements involve risks and uncertainties, as well as assumptions, which, if they do not fully materialize or prove incorrect, could cause our results to differ materially from those expressed or implied by such forward-looking statements. Forward-looking statements are subject to risks and uncertainties that may cause the company's actual activities or results to differ significantly from those expressed in any forward-looking statement, including risks and uncertainties related to the company's ability to advance its product candidates, obtain regulatory approval of and ultimately commercialize its product candidates, the timing and results of preclinical and clinical trials, the company's ability to fund development activities and achieve development goals, the company's ability to protect intellectual property and other risks and uncertainties described under the heading "Risk Factors" in documents the company files from time to time with the Securities and Exchange Commission. These forward-looking statements speak only as of the date of this press release, and the company undertakes no obligation to revise or update any forward-looking statements to reflect events or circumstances after the date hereof.

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ANAPTYSBIO, INC.
CONSOLIDATED BALANCE SHEETS
(in thousands, except par value data)

	March 31, 2018	December 31, 2017
	(unaudited)	
ASSETS		
Current assets:		
Cash and cash equivalents	$ 69,474	$ 81,189
Australian tax incentive receivable	1,610	1,601
Short-term investments	178,691	167,218
Prepaid expenses and other current assets	2,170	2,688
Total current assets	251,945	252,696
Property and equipment, net	659	665
Long-term investments	61,884	75,897
Other long-term assets	289	46
Restricted cash	60	60
Total assets	$ 314,837	$ 329,364
LIABILITIES, PREFERRED STOCK AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	$ 2,416	$ 2,323
Accrued expenses	4,405	4,875
Notes payable, current portion	7,500	6,875
Other current liabilities	22	17
Total current liabilities	14,343	14,090
Notes payable, net of current portion	5,834	7,553
Deferred rent	133	140
Preferred stock, $0.001 par value, 10,000 shares authorized and no shares, issued or outstanding at March 31, 2018 and December 31, 2017, respectively	—	—
Common stock, $0.001 par value, 500,000 shares authorized, 23,817 shares and 23,791 shares issued and outstanding at March 31, 2018 and December 31, 2017, respectively	24	24
Additional paid in capital	395,424	393,017
Accumulated other comprehensive loss	(801)	(426)
Accumulated deficit	(100,120)	(85,034)
Total stockholders' equity	294,527	307,581
Total liabilities, preferred stock and stockholders' equity	$ 314,837	$ 329,364

ANAPTYSBIO, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS
(in thousands, except per share data)
(unaudited)

	Three Months Ended March 31,	
	2018	**2017**
Collaboration revenue	$ —	$ —
Operating expenses:		
Research and development	11,810	7,935
General and administrative	3,947	2,053
Total operating expenses	15,757	9,988
Loss from operations	(15,757)	(9,988)
Other income (expense), net		
Interest expense	(451)	(428)
Change in fair value of liability for preferred stock warrants	—	(1,366)
Interest income	1,185	122
Other income (expense), net	(63)	225
Total other income (expense), net	671	(1,447)
Net loss	(15,086) —	(11,435)
Unrealized loss on available for sale securities	(801)	(13)
Other comprehensive loss	(801)	(13)
Comprehensive loss	$ (15,887)	$ (11,448)
Net loss per common share:		
Basic and diluted	$ (0.63)	$ (0.75)
Weighted-average number of shares outstanding:		
Basic and diluted	23,801	15,295