Registration No. 333-_

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

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FORM S-8 REGISTRATION STATEMENT UNDER

ANAPTYSBIO, INC.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 20-3828755 (I.R.S. Employer Identification Number)

10770 Wateridge Circle, Suite 210 San Diego, CA 92121 (858) 362-6295

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

2017 Equity Incentive Plan 2017 Employee Stock Purchase Plan (Full title of the plans)

Hamza Suria Chief Executive Officer AnaptysBio, Inc. 10770 Wateridge Circle, Suite 210 San Diego, CA 92121 (858) 362-6295 (Name, address, including zip code, and telephone number, including area code, of agent for service)

Please send copies of all communications to:

Robert A. Freedman, Esq. Ryan Mitteness, Esq. Fenwick & West LLP 555 California Street San Francisco, CA 94104 (415) 875-2300

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 definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.:

Large accelerated filer		Accelerated filer	
Non-accelerated filer	x	Smaller reporting company	х
		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 7(a)(2)(B) of the Securities Act. []

REGISTRATION OF ADDITIONAL SHARES PURSUANT TO GENERAL INSTRUCTION E

Pursuant to General Instruction E of Form S-8, AnaptysBio, Inc. (the "Registrant") is filing this Registration Statement with the Securities and Exchange Commission (the "Commission") to register 1,105,890 additional shares of Common Stock under the Registrant's 2017 Equity Incentive Plan ("EIP"), pursuant to the provisions of the EIP providing for an automatic increase in the number of shares reserved for issuance under the EIP, and 276,472 additional shares of Common Stock under the Registrant's 2017 Employee Stock Purchase Plan ("ESPP"), pursuant to the provisions of the ESPP providing for an automatic increase in the number of shares reserved for issuance under the ESPP providing for an automatic increase in the number of shares reserved for issuance under the ESPP. This Registration Statement hereby incorporates by reference the contents of the Registrant's registration statements on Form S-8 filed with the Commission on January 26, 2017 (Registration No. 333-215741), March 5, 2018 (Registration No. 333-223446), February 28, 2019 (Registration No. 333-223927), March 2, 2020 (Registration No. 333-236805) and February 25, 2021 (Registration No. 333-253504). In accordance with the instructional note to Part I of Form S-8 as promulgated by the Commission, the information specified by Part I of the Form S-8 has been omitted from this Registration Statement.

PART II

Information Required in the Registration Statement

Item 8. <u>Exhibits</u>.

Exhibit		Incorporated by Reference				Filed
Number	Exhibit Description	Form	File No.	Exhibit	Filing Date	Herewith
4.1	<u>Amended and Restated Certificate of</u> <u>Incorporation of the Registrant</u>	10-Q	001-37985	3.1	May 12, 2017	
4.2	<u>Form of Restated Bylaws of the</u> <u>Registrant</u>	S-1	333-206849	3.4	Sep. 9, 2015	
4.3	<u>Form of Registrant's Common Stock</u> <u>certificate</u>	S-1	333-206849	4.1	Dec. 23, 2015	
4.4	2017 Equity Incentive Plan and forms of award agreements	S-1	333-206849	10.3	Jan. 17, 2017	
4.5	2017 Employee Stock Purchase Plan and forms of award agreements	S-1	333-206849	10.4	Jan. 17, 2017	
5.1	Opinion of Fenwick & West LLP					Х
23.1	<u>Consent of Fenwick & West LLP</u> (contained in Exhibit 5.1)					Х
23.2	Consent of KPMG, independent registered public accounting firm					Х
24.1	Power of Attorney					Х
107.1	<u>Filing Fee Table</u>					Х

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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 San Diego, State of California, on this 7th day of March, 2022.

AnaptysBio, Inc.

By: <u>/s/ Hamza Suria</u> Hamza Suria Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that the undersigned officers and directors of AnaptysBio, Inc., a Delaware corporation, do hereby constitute and appoint Hamza Suria and Dennis Mulroy, and each of them, the lawful attorneys-in-fact and agents with full power and authority to do any and all acts and things and to execute any and all instruments which said attorneys and agents, and any one of them, determine may be necessary or advisable or required to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules or regulations or requirements of the Securities and Exchange Commission in connection with this Registration Statement. Without limiting the generality of the foregoing power and authority, the powers granted include the power and authority to sign the names of the undersigned officers and directors in the capacities indicated below to this Registration Statement, to any and all amendments, both pre-effective and post-effective, and supplements to this Registration Statement, and to any and all instruments or documents filed as part of or in conjunction with this Registration Statement or amendments or supplements thereof, and each of the undersigned hereby ratifies and confirms that all said attorneys and agents, or any one of them, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons on behalf of the Registrant in the capacities and on the dates indicated.

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Signature	Title	Date
/s/ Hamza Suria Hamza Suria	President, Chief Executive Officer and Director (Principal Executive Officer)	March 7, 2022
/s/ Dennis Mulroy Dennis Mulroy	Chief Financial Officer (Principal Accounting and Financial Officer)	March 7, 2022
/s/ Daniel Faga Daniel Faga	Director	March 7, 2022
/s/ Dennis Fenton Dennis Fenton Ph.D.	Director	March 7, 2022
/s/ Laura J. Hamill Laura J. Hamill	Director	March 7, 2022
/s/ Magda Marquet Magda Marquet, Ph.D.	Director	March 7, 2022
/s/ Oleg Nodelman Oleg Nodelman	Director	March 7, 2022
/s/ Hollings Renton Hollings Renton	Director	March 7, 2022
/s/ John Schmid John Schmid	Director	March 7, 2022
/s/ James N. Topper James N. Topper, M.D., Ph.D.	Director	March 7, 2022
/s/ J. Anthony Ware J. Anthony Ware, M.D.	Director	March 7, 2022

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Exhibit 107.1

Calculation of Filing Fee Tables

Form S-8 (Form Type)

AnaptysBio, Inc.

(Exact Name of Registrant as Specified in its Charter)

Newly Registered Securities

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered ⁽¹⁾	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Equity	Common Stock, \$0.001 par value per share, reserved for issuance pursuant to the 2017 Equity Incentive Plan	Rule 457(c) and Rule 457(h)	1,105,890 ⁽²⁾	\$30.48 ⁽³⁾	\$33,707,527	0.0000927	\$3,125 ⁽⁴⁾
Equity	Common Stock, \$0.001 par value per share, reserved for issuance pursuant to the 2017 Equity Stock Purchase Plan	Rule 457(c) and Rule 457(h)	276,472 (4)	\$25.91 ⁽⁵⁾	\$7,163,390	0.0000927	\$664 ⁽⁴⁾
Total Offering Amounts			\$40,870,917		\$3,789		
Total Fee Offsets					_		
	Net Fee Due					\$3,789	

(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 becomes issuable under the Registrant's 2017 Equity Incentive Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the receipt of consideration that increases the number of the Registrant's outstanding shares of Common Stock.

(2) Represents additional shares reserved for issuance under the 2017 Equity Incentive Plan as of the date of this Registration Statement.

(3) Calculated solely for the purposes of this offering under Rules 457(c) and (h) of the Securities Act on the basis of the average of the high and low prices of the Registrant's Common Stock as reported on the Nasdaq Global Market on February 28, 2022.

(4) Represents additional shares reserved for issuance under the 2017 Employee Stock Purchase Plan as of the date of this Registration Statement.

(5) Calculated solely for the purposes of this offering under Rules 457(c) and (h) of the Securities Act on the basis of the average of the high and low prices of the Registrant's Common Stock as reported on the Nasdaq Global Market on February 28, 2022. In the case of the 2017 Employee Stock Purchase Plan, this price per share is multiplied by 85%, which is the percentage of the price per share applicable to purchases under the 2017 Employee Stock Purchase Plan.



1191 Second Avenue 10th Floor Seattle, WA 98101 206.389.4510 Fenwick.com

Exhibit 5.01

March 7, 2022

AnaptysBio, Inc. 10770 Wateridge Circle Suite 210 San Diego, CA 92121

Ladies and Gentlemen:

As counsel to AnaptysBio, Inc., a Delaware corporation (the "*Company*"), we have examined the Registration Statement on Form S-8 to be filed by the Company with the Securities and Exchange Commission (the "*Commission*") on or about March 7, 2022 (the "*Registration Statement*") in connection with the registration under the Securities Act of 1933, as amended (the "*Securities Act*"), of an aggregate of 1,382,362 shares (the "*Shares*") of the Company's Common Stock, \$0.001 par value per share (the "*Common Stock*"), subject to issuance by the Company (a) upon the exercise or settlement of awards (including any stock option, restricted stock, stock bonus, stock appreciation right, restricted stock unit or award of performance shares) granted or to be granted under the 2017 Equity Incentive Plan (the "*EIP*") and (b) pursuant to purchase rights granted or to be granted under the Company's 2017 Employee Stock Purchase Plan (the "*ESPP*"). The plans referred to in clauses (a) through (b) above are collectively referred to in this letter as the "*Plans*." At your request we are providing this letter to express our opinion on the matters set forth below in this letter ("*our opinion*").

In connection with our opinion expressed below we have examined originals or copies of the Company's certificate of incorporation and bylaws, certain corporate proceedings of the Company's board of directors and stockholders relating to the Registration Statement, the Plans and the Company's current certificate of incorporation and bylaws, and such other agreements, documents, certificates and statements of the Company, its transfer agent and public or governmental officials, as we have deemed advisable, and have examined such questions of law as we have considered necessary. We have assumed the authenticity of all documents submitted to us as originals, the genuineness of all signatures on documents submitted to us, the conformity to originals of all documents submitted to us as copies, and the absence of any undisclosed termination, waiver or amendment to any document reviewed by us. In giving our opinion, we have also relied upon a good standing certificate regarding the Company issued by the Delaware Secretary of State and representations made to us by the Company, including representations that the Company has available a sufficient number of authorized shares of Common Stock that are not currently outstanding or reserved for issuance under other outstanding securities or plans of the Company, to enable the Company to issue and deliver all of the Shares as of the date of this letter.

We render this opinion only with respect to, and we express no opinion herein concerning the application or effect of the laws of any jurisdiction other than, the existing Delaware General Corporation Law.

Based upon, and subject to, the foregoing, it is our opinion that when the 1,382,362 Shares of Common Stock that may be issued and sold by the Company (a) upon the exercise or settlement of awards (including any stock option, restricted stock, stock bonus, stock appreciation right, restricted stock unit or award of performance shares) granted or to be granted under the EIP and (b) pursuant to purchase rights granted or to be granted under the ESPP, have been issued and sold by the Company against the Company's receipt of payment therefor (in an amount and type of consideration not less than the par value per Share) in accordance with the terms (including payment provisions) of the applicable Plan and have been duly registered on the books of the transfer agent and registrar for the Shares in the name or on behalf of the holders thereof, such Shares will be validly issued, fully paid and non-assessable.

We consent to the use of this opinion as an exhibit to the Registration Statement and further consent to all references to us, if any, in the Registration Statement, the prospectus constituting a part thereof and any amendments



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

This opinion is intended solely for use in connection with issuance and sale of the Shares subject to the Registration Statement and is not to be relied upon for any other purpose. In providing this letter, we are opining only as to the specific legal issues expressly set forth above, and no opinion shall be inferred as to any other matter or matters. This opinion is rendered on, and speaks only as of, the date of this letter first written above, and does not address any potential change in facts or law that may occur after the date of this opinion letter. We assume no obligation to advise you of any fact, circumstance, event or change in the law or the facts that may hereafter be brought to our attention, whether or not such occurrence would affect or modify any of the opinions expressed herein.

Very truly yours,

/s/ Fenwick & West LLP

FENWICK & WEST LLP

Consent of Independent Registered Public Accounting Firm

The Board of Directors AnaptysBio, Inc.:

We consent to the use of our report dated March 7, 2022, with respect to the consolidated financial statements of AnaptysBio, Inc., incorporated herein by reference.

/s/ KPMG LLP

San Diego, California March 7, 2022