COMPUGEN LTD Form SC 13G February 14, 2017

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

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No.)1

Compugen Ltd. (Name of Issuer)

Ordinary Shares, par value NIS 0.01 per share (Title of Class of Securities)

M25722 10 5 (CUSIP Number)

December 31, 2016 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP NO. M25722 10 5

1	NAME OF REPORTING PERSON						
2	Raging Capital CHECK THE A GROUP SEC USE ONL	(a) o (b) o					
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
NUMBER OF	DELAWARE 5		SOLE VOTING POWER				
SHARES BENEFICIALLY OWNED BY EACH		6	- 0 - SHARED VOTING POWER				
REPORTING PERSON WITH		7	3,132,131 SOLE DISPOSITIVE POWER				
		8	- 0 - SHARED DISPOSITIVE POWE	R			
9	3,132,131 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
10	3,132,131 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
12	6.2% TYPE OF REPORTING PERSON						
	IA						
2							

CUSIP NO. M25722 10 5

1	NAME OF REPORTING PERSON							
2	William C. Mar CHECK THE A GROUP SEC USE ONL	(a) o (b) o						
4	CITIZENSHIP OR PLACE OF ORGANIZATION							
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	USA							
		6	- 0 - SHARED VOTING POWER					
REPORTING PERSON WITH		7	3,132,131 SOLE DISPOSITIVE POWER					
		8	- 0 - SHARED DISPOSITIVE POWE	R				
9	3,132,131 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
10	3,132,131 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES							
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.2% TYPE OF REPORTING PERSON							
12								
	НС							

CUSIP NO. M25722 10 5								
Item 1(a).	Name of Issuer:							
Compugen Ltd.								
Item 1(b).	Address of Issuer's Principal Executive Offices:							
26 Harokmim Street Holon 5885849, Israel								
Item 2(a).	Name of Person Filing:							
This statement is filed by Raging Capital Management, LLC, a Delaware limited liability company ("Raging Capital"), and William C. Martin. Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."								
Raging Capital is the Investment Manager of Raging Capital Master Fund, Ltd., a Cayman Islands exempted company ("Raging Master"), in whose name the Issuer's Ordinary Shares, par value NIS 0.01 per share (the "Shares"), are held. William C. Martin is the Chairman, Chief Investment Officer and Managing Member of Raging Capital. Raging Master has delegated to Raging Capital the sole authority to vote and dispose of the securities held by Raging Master pursuant to an Investment Management Agreement, dated November 9, 2012, as amended and restated on December 21, 2016 (the "IMA"). The IMA may be terminated by any party thereto effective at the close of business on the last day of any fiscal quarter by giving the other party not less than sixty-one days' written notice. As a result, each of Raging Capital and William C. Martin may be deemed to beneficially own the Shares held by Raging Master.								
The filing of this Schedule 13G shall not be construed as an admission that the Reporting Persons are, for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, the beneficial owners of any of the Shares reported herein. Each of the Reporting Persons specifically disclaims beneficial ownership of the Shares reported herein. Without limiting the foregoing sentence, Raging Master specifically disclaims beneficial ownership of the Shares held by it by virtue of its inability to vote or dispose of such Shares as a result of the IMA.								
Item 2(b). Add	dress of Principal Business Office or, if none, Residence:							
The principal business address of each of Raging Capital and William C. Martin is Ten Princeton Avenue, P.O. Box 228, Rocky Hill, New Jersey 08553.								
Item 2(c).	Citizenship:							
Raging Capital is organized under t States of America.	the laws of the State of Delaware. William C. Martin is a citizen of the United							
Item 2(d).	Title of Class of Securities:							
Ordinary Shares, par value NIS 0.01	per share							
Item 2(e).	CUSIP Number:							
M25722 10 5								

CUSIP NO. M25722 10 5

	filing is a		filed purs	suant to Section 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person
/ /	Not Ap	plicable		
	(a)	11	Bı	roker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
	(b)		/ /	Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
	(c)	//	Insura	ance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
(d)//	Investme	nt company	y register	ed under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
	(e)	/X/		Investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E).
(f)	//	Employe	e benefit	plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F).
(g)	/X/	Parent h	olding co	mpany or control person in accordance with Section 240.13d-1(b)(1)(ii)(G).
(h)	// Savir	ngs associa	tion as de	efined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
	_			I from the definition of an investment company under Section 3(c)(14) of the U.S.C. 80a-3).
	(j)	11]	Non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J).
	(k)		//	Group, in accordance with Section 240.13d-1(b)(1)(ii)(K).
Item 4.				Ownership.
All owi	nership in	formation	reported i	in this Item 4 is as of December 31, 2016.
Raging	Capital			
			(a)	Amount beneficially owned:
3,132,1	31 Shares	S		
			(b)	Percent of class:
	_			es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016).
		(c)		Number of shares as to which such person has:

CUSIP NO. M257	222 10 5						
	(i)	Sole power to vote or to direct the vote					
0 Shares							
	(ii)	Shared power to vote or to direct the vote					
3,132,131 Shares							
	(iii)	Sole power to dispose or to direct the disposition of					
0 Shares							
	(iv)	Shared power to dispose or to direct the disposition of					
3,132,131 Shares							
Mr. Martin							
	(a)	Amount beneficially owned:					
3,132,131 Shares							
	(b)	Percent of class:					
_	n 50,908,454 Shar	Percent of class: es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016).					
_	n 50,908,454 Shar	es outstanding, which is the total number of Shares outstanding as of August 1,					
_	n 50,908,454 Shar n the Issuer's Pros	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016).					
_	n 50,908,454 Shar n the Issuer's Pros (c)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has:					
2016 as reported i	n 50,908,454 Shar n the Issuer's Pros (c)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has:					
2016 as reported i	n 50,908,454 Shar n the Issuer's Pros (c) (i)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has: Sole power to vote or to direct the vote					
2016 as reported i 0 Shares	n 50,908,454 Shar n the Issuer's Pros (c) (i)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has: Sole power to vote or to direct the vote					
2016 as reported i 0 Shares	(c) (i) (ii)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has: Sole power to vote or to direct the vote Shared power to vote or to direct the vote					
2016 as reported i 0 Shares 3,132,131 Shares	(c) (i) (ii)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has: Sole power to vote or to direct the vote Shared power to vote or to direct the vote					
2016 as reported i 0 Shares 3,132,131 Shares	(c) (ii) (iii)	es outstanding, which is the total number of Shares outstanding as of August 1, pectus filed with the Securities and Exchange Commission on October 14, 2016). Number of shares as to which such person has: Sole power to vote or to direct the vote Shared power to vote or to direct the vote Sole power to dispose or to direct the disposition of					

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

6

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Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the 7. Parent Holding Company or Control Person.

See Item 2(a).

Item 8. Identification and Classification of Members of the Group.

See Exhibit 99.1.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

7

CUSIP NO. M25722 10 5

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2017 Raging Capital Management, LLC

By: /s/ Frederick C. Wasch

Name: Frederick C. Wasch Title: Chief Financial Officer

/s/ Frederick C. Wasch

Frederick C. Wasch as attorney-in-fact for

William C. Martin

8