COMPUGEN LTD Form SC 13G June 22, 2018

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)*

Compugen Limited (Name of Issuer)

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

IL0010852080 **

(CUSIP Number)

June 15, 2018 (Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this

Schedule 13G is filed:	
" Rule 13d-1(b) x Rule 13d-1(c) " Rule 13d-1(d)	
(Page 1 of 9 Pages)	

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).

^{*}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.

^{**} IL0010852080 is the ISIN number for the Ordinary Shares and is used throughout this filing in place of the CUSIP Number.

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1	NAMI REPO PERSO	RTING
	_	ry Asset gement, LP
2	THE APPR BOX I	OPRI@TE
3	OF A GROU SEC U	JP JSE ONLY
4	PLAC	ENSHIP OR E OF ANIZATION
NUMBER OF SHARES	Delaw	are SOLE VOTING
BENEFICIALLY OWNED BY EACH	5	POWER
REPORTING PERSON WITH		SHARED VOTING POWER
		3,037,975 Ordinary Shares
	6	2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*
	7	SOLE DISPOSITIVE POWER
	8	SHARED DISPOSITIVE

POWER

3,037,975 Ordinary Shares

2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9 3,037,975 Ordinary Shares

> 2,430,380 Ordinary Shares issuable upon exercise of Warrants

(See Item 4)*

CHECK BOX

IF THE

AGGREGATE

AMOUNT IN ..

ROW (9)

EXCLUDES

CERTAIN

SHARES

PERCENT OF

CLASS

REPRESENTED BY

AMOUNT IN ROW

(9)

5.32% (See Item 4)*

TYPE OF

REPORTING

12 PERSON

10

11

PN

* As more fully described in Item 4, the Warrants are subject to a 4.99% blocker, and the percentage set forth in row (11) gives effect to such blockers. However, as more fully described in Item 4, the securities reported in rows (6), (8) and (9) show the number of Ordinary Shares that would be issuable upon full exercise of such reported securities and do not give effect to such blockers. Therefore, the actual number of Ordinary Shares beneficially owned by such Reporting Person, after giving effect to such blockers, is less than the number of securities reported in rows (6), (8) and (9).

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NAMES OF REPORTING PERSONS

Ryan M. Lane CHECK

1

2 3 4	THE APPROPRIATE BOX IF A MEMBER (b) " OF A GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		l States SOLE VOTING POWER SHARED			
PERSON WITH	6	VOTING POWER 3,037,975 Ordinary Shares 2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*			
	7	SOLE DISPOSITIVE POWER			
	8	SHARED DISPOSITIVE POWER			

3,037,975 Ordinary Shares

2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9 3,037,975 Ordinary Shares

> 2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*

CHECK BOX IF THE

AGGREGATE

AMOUNT IN ..

ROW (9)

EXCLUDES CERTAIN

SHARES

PERCENT OF

CLASS

REPRESENTED BY AMOUNT IN ROW

(9)

5.32% (See Item 4)*

TYPE OF REPORTING

12 PERSON

10

11

IN

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NAMES OF REPORTING PERSONS

Martin D. Hoe CHECK

1

2 3 4	THE APPROPRIATE BOX IF A MEMBER (b) " OF A GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH		l States SOLE VOTING POWER		
REPORTING PERSON WITH	6	SHARED VOTING POWER 3,037,975 Ordinary Shares 2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*		
	7	SOLE DISPOSITIVE POWER		
	8	SHARED DISPOSITIVE POWER		

3,037,975 Ordinary Shares

2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9 3,037,975 Ordinary Shares

> 2,430,380 Ordinary Shares issuable upon exercise of Warrants (See Item 4)*

CHECK BOX

IF THE

AGGREGATE

AMOUNT IN ..

ROW (9)

EXCLUDES

CERTAIN

SHARES

PERCENT OF

CLASS

REPRESENTED BY

AMOUNT IN ROW

(9)

5.32% (See Item 4)*

TYPE OF

REPORTING

12 PERSON

10

11

IN

* As more fully described in Item 4, the Warrants are subject to a 4.99% blocker, and the percentage set forth in row (11) gives effect to such blockers. However, as more fully described in Item 4, the securities reported in rows (6), (8) and (9) show the number of Ordinary Shares that would be issuable upon full exercise of such reported securities and do not give effect to such blockers. Therefore, the actual number of Ordinary Shares beneficially owned by such Reporting Person, after giving effect to such blockers, is less than the number of securities reported in rows (6), (8) and (9).

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Item 1(a). NAME OF ISSUER:

The name of the issuer is Compugen Limited (the "Company").

Item 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

The Company's principal executive offices are located at 26 Harokmim Street, Building D, Holon, Israel L3 5885849.

Item 2(a). NAME OF PERSON FILING:

This statement is filed by the entities and persons listed below, who are collectively referred to herein as "Reporting Persons," with respect to the Ordinary Shares (as defined in Item 2(d) below) of the Company:

Investment Manager

(i) Empery Asset Management, LP (the "<u>Investment Manager</u>"), with respect to the Ordinary Shares held by, and underlying the Reported Warrants (as defined below) held by, the funds to which the Investment Manager serves as investment manager (the "<u>Empery Funds</u>").

Reporting Individuals

- (ii) Mr. Ryan M. Lane ("Mr. Lane"), with respect to the Ordinary Shares held by, and underlying the Reported Warrants held by, the Empery Funds.
- (iii) Mr. Martin D. Hoe ("Mr. Hoe"), with respect to the Ordinary Shares held by, and underlying the Reported Warrants held by, the Empery Funds.

The Investment Manager serves as the investment manager to each of the Empery Funds. Each of the Mr. Lane and Mr. Hoe (the "Reporting Individuals") is a Managing Member of Empery AM GP, LLC (the "General Partner"), the general partner of the Investment Manager.

Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

The	address of	of the	business	office of	of each	of the	Reporting	Persons is:

1 Rockefeller Plaza, Suite 1205

New York, New York 10020

Item 2(c). CITIZENSHIP:

Citizenship is set forth in Row 4 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person.

Item 2(d). TITLE OF CLASS OF SECURITIES:

Ordinary Shares, par value NIS 0.01 (the "Ordinary Shares")

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Item 2(e). CUSIP NUMBER:

IL0010852080

Item IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b) OR 13d-2(b) OR (c), CHECK 3. WHETHER THE PERSON FILING IS A:

- (a) "Broker or dealer registered under Section 15 of the Act,
- (b) Bank as defined in Section 3(a)(6) of the Act,
- (c) "Insurance Company as defined in Section 3(a)(19) of the Act,
- (d) Investment Company registered under Section 8 of the Investment Company Act of 1940,
- (e) Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940,
- (f) "Employee Benefit Plan or Endowment Fund in accordance with Rule 13d-1(b)(1)(ii)(F),
- (g)"Parent Holding Company or control person in accordance with Rule 13d-1(b)(1)(ii)(G),
- (h) "Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
- (i) "Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
- (i) "A non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
- (k) "Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

If filing as a non-U.S.	institution in accorda	ance with Rule 13d-1	(b)(1)(ii)(J), please
specify the type of ins	titution:		

Item 4. OWNERSHIP.

The information as of the date of the event which requires filing of this statement required by Items 4(a) - (c) is set forth in Rows 5 - 11 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person. The percentage set forth in Row 11 of the cover page for each Reporting Person is based on 57,121,527 Ordinary Shares issued and outstanding as of June 14, 2018, as represented in the Company's Prospectus Supplement on Form 424(b)(5) filed with the Securities and Exchange Commission on June 18, 2018 and assumes the exercise of the Company's reported warrants (the "Reported Warrants") subject to the Blockers (as defined below).

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Pursuant to the terms of the Reported Warrants, the Reporting Persons cannot exercise the Reported Warrants to the extent the Reporting Persons would beneficially own, after any such exercise, more than 4.99% of the outstanding Ordinary Shares (the "Blockers"), and the percentage set forth in Row 11 of the cover page for each Reporting Person gives effect to the Blockers. Consequently, as of the date of the event which requires the filing of this statement, the Reporting Persons were not able to exercise any of the Reported Warrants due to the Blockers.

The Investment Manager, which serves as the investment manager to the Empery Funds, may be deemed to be the beneficial owner of all Ordinary Shares held by, and underlying the Reported Warrants (subject to the Blockers) held by, the Empery Funds. Each of the Reporting Individuals, as Managing Members of the General Partner of the Investment Manager with the power to exercise investment discretion, may be deemed to be the beneficial owner of all Ordinary Shares held by, and underlying the Reported Warrants (subject to the Blockers) held by, the Empery Funds. The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of Ordinary Shares owned by another Reporting Person. Each of the Empery Funds and the Reporting Individuals hereby disclaims any beneficial ownership of any such Ordinary Shares.

Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not applicable.

Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

See Item 2(a) above.

Item IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE 7. SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

Not applicable.

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

Item 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

Item 10. CERTIFICATION.

Each of the Reporting Persons hereby makes the following certification:

By signing below each Reporting Person certifies that, to the best of its knowledge and belief, the securities referred to above 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.

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SIGNATURES

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

DATED: June 22, 2018

EMPERY ASSET MANAGEMENT, LP By: EMPERY AM GP, LLC, its General Partner

By:/s/ Ryan M. Lane Name: Ryan M. Lane Title: Managing Member

/s/ Ryan M. Lane Ryan M. Lane

/s/ Martin D. Hoe Martin D. Hoe

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EXHIBIT 1

JOINT ACQUISITION STATEMENT PURSUANT TO RULE 13d-1(k)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

DATED: June 22, 2018

EMPERY ASSET MANAGEMENT, LP By: EMPERY AM GP, LLC, its General Partner

By:/s/ Ryan M. Lane Name: Ryan M. Lane Title: Managing

Member

/s/ Ryan M. Lane Ryan M. Lane

/s/ Martin D. Hoe Martin D. Hoe