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

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**SCHEDULE 13G  
(Amendment No. 1)\***

**Under the Securities Exchange Act of 1934**

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**G1 Therapeutics, Inc.**

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(Name of Issuer)

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**Common Stock, par value \$0.0001 per share**

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(Title of Class of Securities)

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**3621LQ109**

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(CUSIP Number)

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**December 31, 2018**

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(Date of Event Which Requires Filing of this Statement)

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

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

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

The information required on 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.

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Partners IV SBIC, L.P.	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		2,517,695
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		2,517,695
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,517,695	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	6.8%	
12.	Type of Reporting Person	
	PN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Advisors IV SBIC, LLC	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power 0
	6.	Shared Voting Power 2,517,695
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 2,517,695
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,517,695	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable	
11.	Percent of Class Represented by Amount in Row (9) 6.8%	
12.	Type of Reporting Person OO	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras NC Fund, L.P.	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		138,567
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		138,567
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	138,567	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	Less than 1%	
12.	Type of Reporting Person	
	PN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Advisors IV, LLC	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	North Carolina	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power 0
	6.	Shared Voting Power 138,567
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 138,567
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 138,567	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable	
11.	Percent of Class Represented by Amount in Row (9) Less than 1%	
12.	Type of Reporting Person OO	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Partners IV, L.P.	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		138,567
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		138,567
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	138,567	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	Less than 1%	
12.	Type of Reporting Person	
	PN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Advisors V, LLC	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	North Carolina	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		995
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		995
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	995	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	Less than 1%	
12.	Type of Reporting Person	
	OO	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Hatteras Venture Partners V, L.P.	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		995
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		995
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	995	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	Less than 1%	
12.	Type of Reporting Person	
	PN	



1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	John C. Crumpler	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power 0
	6.	Shared Voting Power 2,657,257
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 2,657,257
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,657,257	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable	
11.	Percent of Class Represented by Amount in Row (9) 7.1%	
12.	Type of Reporting Person IN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Clay B. Thorp	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		2,657,257
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		2,657,257
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,657,257	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	7.1%	
12.	Type of Reporting Person	
	IN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Christy Shaffer	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power 6,105(1)
	6.	Shared Voting Power 995
	7.	Sole Dispositive Power 6,105(1)
	8.	Shared Dispositive Power 995
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 7,100(1)	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable	
11.	Percent of Class Represented by Amount in Row (9) Less than 1%	
12.	Type of Reporting Person IN	

<sup>1</sup> Includes as of December 31, 2018, 6,105 shares of common stock of G1 Therapeutics, Inc. subject to options held by Ms. Shaffer that are exercisable within 60 days of December 31, 2018.

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Kenneth B. Lee	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power 0
	6.	Shared Voting Power 2,657,257
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 2,657,257
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,657,257	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable	
11.	Percent of Class Represented by Amount in Row (9) 7.1%	
12.	Type of Reporting Person IN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Douglas Reed	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		2,657,257
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		2,657,257
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,657,257	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	7.1%	
12.	Type of Reporting Person	
	IN	

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	
	Robert A. Ingram	
2.	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
	Not Applicable	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States of America	
Number of Shares Beneficially Owned By Each Reporting Person with	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		2,657,257
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		2,657,257
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,657,257	
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares	
	Not Applicable	
11.	Percent of Class Represented by Amount in Row (9)	
	7.1%	
12.	Type of Reporting Person	
	IN	

**Item 1(a) Name of Issuer**

G1 Therapeutics, Inc. (the “**Issuer**”)

**Item 1(b) Address of Issuer’s Principal Executive Offices**

79 T.W. Alexander Drive, Research Triangle Park, North Carolina 27709.

**Item 2(a) Name of Person Filing**

This Amendment No. 1 to Schedule 13G is being filed by:

Hatteras Venture Partners IV SBIC, L.P. (“**HVP SBIC**”)  
Hatteras Venture Advisors IV SBIC, LLC (“**HVA SBIC**”)  
Hatteras NC Fund, L.P. (“**Hatteras Fund**”)  
Hatteras Venture Advisors IV, LLC (“**HVA IV**”)  
Hatteras Venture Partners IV, L.P. (“**HVP IV**”)  
Hatteras Venture Advisors V, LLC (“**HVA V**”)  
Hatteras Venture Partners V, L.P. (“**HVP V**”)  
John C. Crumpler  
Clay B. Thorp  
Christy Shaffer  
Kenneth B. Lee  
Douglas Reed  
Robert A. Ingram

(collectively, the “**Reporting Persons**”).

**Item 2(b) Address of Principal Business Office, or if none, Residence**

280 S. Mangum Street, Suite 350, Durham, North Carolina 27701.

**Item 2(c) Citizenship**

The Reporting Persons are citizens of:

HVP SBIC — Delaware  
HVA SBIC — Delaware  
Hatteras Fund — Delaware  
HVA IV — Delaware  
HVP IV — Delaware  
HVA V — Delaware  
HVP V — Delaware  
John C. Crumpler — USA  
Clay B. Thorp — USA  
Christy Shaffer — USA  
Kenneth B. Lee — USA  
Douglas Reed — USA  
Robert A. Ingram — USA

**Item 2(d) Title of Class of Securities**  
Common Stock, par value \$0.0001 per share (“**Common Stock**”)

**Item 2(e) CUSIP Number**  
3621LQ109

**Item 3. Filing pursuant to Rules 13d-1(b) or 13d-2(b) or (c)**  
Not Applicable

**Item 4. Ownership**

(a) The Reporting Persons are the beneficial owners of an aggregate of 2,657,257 shares of Common Stock, which represents 7.1% of the Issuer’s outstanding Common Stock based upon 37,185,032 shares outstanding on October 31, 2018 as reported by the Issuer in its Form 10-Q for the quarterly period ended September 30, 2018 as filed with the Securities and Exchange Commission on November 7, 2018. The Reporting Persons’ beneficial ownership consists of 2,517,695 shares of Common Stock held directly by HVP SBIC, 138,567 shares of Common Stock held directly by Hatteras Fund and 995 shares of Common Stock held directly by HVA V.

HVA SBIC is the general partner of HVP SBIC. HVA IV is the general partner of HVP IV and Hatteras Fund. HVA V is the general partner of HVP V. The shares are held directly by HVP SBIC, Hatteras Fund and HVA V. The shares held by HVP SBIC and Hatteras Fund are indirectly held by the individual managing members of the general partners, HVA SBIC and HVA IV, respectively, (collectively, the “**GP Managing Members**”). The GP Managing Members are John C. Crumpler, Clay B. Thorp, Kenneth B. Lee, Douglas Reed and Robert A. Ingram. The GP Managing Members may share voting and dispositive power over the securities directly held by HVP SBIC and Hatteras Fund. The shares held by HVA V are indirectly held by the individual management members of the general partner, HVP V (the “**Managing Members**”). The Management Members are John C. Crumpler, Clay B. Thorp, Christy Shaffer, Douglas Reed and Robert A. Ingram. The Managing Members may share voting and dispositive power over the securities directly held by HVA V.

(b) Percent of class:

HVP SBIC — 6.8%  
HVA SBIC — 6.8%  
Hatteras Fund — Less than 1%  
HVA IV — Less than 1%  
HVP IV — Less than 1%  
HVA V — Less than 1%  
HVP V — Less than 1%  
John C. Crumpler — 7.1%  
Clay B. Thorp — 7.1%  
Christy Shaffer — Less than 1%  
Kenneth B. Lee — 7.1%  
Douglas Reed — 7.1%  
Robert A. Ingram — 7.1%



(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote: 0

(ii) Shared power to vote or to direct the vote:

HVP SBIC — 2,517,695  
HVA SBIC — 2,517,695  
Hatteras Fund — 138,567  
HVA IV — 138,567  
HVP IV — 138,567  
HVA V — 995  
HVP V — 995  
John C. Crumpler — 2,657,257  
Clay B. Thorp — 2,657,257  
Christy Shaffer — 7,100  
Kenneth B. Lee — 2,657,257  
Douglas Reed — 2,657,257  
Robert A. Ingram — 2,657,257

(iii) Sole power to dispose or to direct the disposition of: 0

(iv) Shared power to dispose or to direct the disposition of:

HVP SBIC — 2,517,695  
HVA SBIC — 2,517,695  
Hatteras Fund — 138,567  
HVA IV — 138,567  
HVP IV — 138,567  
HVA V — 995  
HVP V — 995  
John C. Crumpler — 2,657,257  
Clay B. Thorp — 2,657,257  
Christy Shaffer — 7,100  
Kenneth B. Lee — 2,657,257  
Douglas Reed — 2,657,257  
Robert A. Ingram — 2,657,257

**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**

Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the 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**

By signing below I certify that, to the best of my 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, other than activities solely in connection with a nomination under §240.14a-11.

**Exhibit Index**

Exhibit A – Agreement Regarding the Joint Filing of Schedule 13G is incorporated by reference to Exhibit A to the Schedule 13G filed by the Reporting Persons on February 13, 2018.

Exhibit B – Power of Attorney is incorporated by reference to Exhibit B to the Schedule 13G filed by the Reporting Persons on February 13, 2018.

**SIGNATURE**

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

Date: February 13, 2019

HATTERAS VENTURE PARTNERS IV SBIC, L.P.

By: Hatteras Venture Advisors IV SBIC, LLC, its general partner

By: /s/ Clay B. Thorp  
Manager

HATTERAS VENTURE ADVISORS IV SBIC, LLC

By: /s/ Clay B. Thorp  
Manager

HATTERAS NC FUND, L.P.

By: Hatteras Venture Advisors IV, LLC, its general partner

By: /s/ Clay B. Thorp  
Manager

HATTERAS VENTURE ADVISORS IV, LLC

By: /s/ Clay B. Thorp  
Manager

HATTERAS VENTURE PARTNERS IV, L.P.

By: Hatteras Venture Advisors IV, LLC, its general partner

By: /s/ Clay B. Thorp  
Manager

HATTERAS VENTURE ADVISORS V, LLC

By: /s/ Clay B. Thorp  
Manager

HATTERAS VENTURE PARTNERS V, L.P.

By: Hatteras Venture Advisors V, LLC, its general partner

By: /s/ Clay B. Thorp  
Manager

\*

John C. Crumpler

\*

Clay B. Thorp

\*

Christy Shaffer

\*

Kenneth B. Lee

\*

Douglas Reed

\*

Robert A. Ingram

By: /s/ Clay B. Thorp  
Clay B. Thorp, as Attorney-in-Fact

\* This Amendment No. 1 to Schedule 13G was executed by Clay B. Thorp on behalf of the filers listed above pursuant to a Power of Attorney, a copy of which was previously filed with the Reporting Persons' Schedule 13G filed with the SEC on February 13, 2018.