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

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. )\*

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**CAMP4 Therapeutics Corporation**

(Name of Issuer)

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

(Title of Class of Securities)

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**13463J101**

(CUSIP Number)

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**October 15, 2024**

(Date of Event Which Requires Filing of this Statement)

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 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.

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).

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1.	Names of Reporting Persons Northpond Ventures, LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 471,415 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 471,415 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 471,415 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 2.4% (3)	
12.	Type of Reporting Person (See Instructions) PN	

- (1) This Schedule 13G is filed by Northpond Ventures, LP (“Northpond Fund I”), Northpond Ventures GP, LLC (“Northpond GP”), Northpond Ventures II, LP (“Northpond Fund II”), Northpond Ventures II GP, LLC (“Northpond II GP”), Northpond Ventures III, LP (“Northpond Fund III”), Northpond Ventures III GP, LLC (“Northpond III GP”), and Michael P. Rubin (“Rubin” and, with Northpond Fund I, Northpond GP, Northpond Fund II, Northpond II GP, Northpond Fund III and Northpond III GP, collectively, the “Reporting Persons”). The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund I. Northpond GP is the general partner of Northpond Fund I and Rubin is the managing member of Northpond GP. As such, Northpond GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund I and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund I.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the Securities and Exchange Commission (the “SEC”) on October 11, 2024.

1.	Names of Reporting Persons Northpond Ventures GP, LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 471,415 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 471,415 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 471,415 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 2.4% (3)	
12.	Type of Reporting Person (See Instructions) OO	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund I. Northpond GP is the general partner of Northpond Fund I and Rubin is the managing member of Northpond GP. As such, Northpond GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund I and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund I.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.

1.	Names of Reporting Persons Northpond Ventures II, LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 1,003,193 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 1,003,193 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,003,193 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 5.1% (3)	
12.	Type of Reporting Person (See Instructions) PN	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund II. Northpond II GP is the general partner of Northpond Fund II and Rubin is the managing member of Northpond II GP. As such, Northpond II GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund II and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund II.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.

1.	Names of Reporting Persons Northpond Ventures II GP, LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 1,003,193 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 1,003,193 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,003,193 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 5.1% (3)	
12.	Type of Reporting Person (See Instructions) OO	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund II. Northpond II GP is the general partner of Northpond Fund II and Rubin is the managing member of Northpond II GP. As such, Northpond II GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund II and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund II.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.

1.	Names of Reporting Persons Northpond Ventures III, LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 763,636 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 763,636 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 763,636 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 3.9% (3)	
12.	Type of Reporting Person (See Instructions) PN	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund III. Northpond III GP is the general partner of Northpond Fund III and Rubin is the managing member of Northpond III GP. As such, Northpond III GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund III and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund III.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.

1.	Names of Reporting Persons Northpond Ventures III GP, LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
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 763,636 (2)
	7.	Sole Dispositive Power 0
	8.	Shared Dispositive Power 763,636 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 763,636 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 3.9% (3)	
12.	Type of Reporting Person (See Instructions) OO	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) The shares are held by Northpond Fund III. Northpond III GP is the general partner of Northpond Fund III and Rubin is the managing member of Northpond III GP. As such, Northpond III GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund III and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund III.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.

1.	Names of Reporting Persons	
	Michael P. Rubin	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		2,238,244 (2)
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		2,238,244 (2)
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,238,244 (2)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)	
	11.5% (3)	
12.	Type of Reporting Person (See Instructions)	
	IN	

- (1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13G.
- (2) Consists of (i) 471,415 shares held by Northpond Fund I, (ii) 1,003,193 shares held by Northpond Fund II, and (iii) 763,636 shares held by Northpond Fund III. Northpond GP is the general partner of Northpond Fund I, Northpond II GP is the general partner of Northpond Fund II, and Northpond III GP is the general partner of Northpond Fund III. Rubin is the managing member of each of Northpond GP, Northpond II GP and Northpond III GP and shares voting and investment authority over these shares.
- (3) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer’s initial public offering, as reported in the Issuer’s prospectus filed with the SEC on October 11, 2024.



**Item 1.**

- (a) Name of Issuer  
CAMP4 Therapeutics Corporation
- (b) Address of Issuer's Principal Executive Offices  
One Kendall Square, Building 1400 West, 3<sup>rd</sup> Floor, Cambridge, MA 02139
- 

**Item 2.**

- (a) Name of Person Filing  
Northpond Ventures, LP ("Northpond Fund I")  
Northpond Ventures GP, LLC ("Northpond GP")  
Northpond Ventures II, LP ("Northpond Fund II")  
Northpond Ventures II GP, LLC ("Northpond II GP")  
Northpond Ventures III, LP ("Northpond Fund III")  
Northpond Ventures III GP, LLC ("Northpond III GP")  
Michael P. Rubin ("Rubin")
- (b) Address of Principal Business Office or, if none, Residence  
7500 Old Georgetown Road, Suite 800  
Bethesda, MD 20814
- (c) Citizenship
- |              |                    |   |               |
|--------------|--------------------|---|---------------|
| Entities:    | Northpond Fund I   | - | Delaware      |
|              | Northpond GP       | - | Delaware      |
|              | Northpond Fund II  | - | Delaware      |
|              | Northpond II GP    | - | Delaware      |
|              | Northpond Fund III | - | Delaware      |
|              | Northpond III GP   | - | Delaware      |
| Individuals: | Rubin              | - | United States |
- (d) Title of Class of Securities  
Common Stock, \$0.0001 par value ("Common Stock")
- (e) CUSIP Number  
13463J101
- 

**Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

Not applicable

**Item 4. Ownership**

The following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1 is provided as of October 22, 2024:

<b>Reporting Persons</b>	<b>Shares Held Directly</b>	<b>Sole Voting Power</b>	<b>Shared Voting Power</b>	<b>Sole Dispositive Power</b>	<b>Shared Dispositive Power</b>	<b>Beneficial Ownership</b>	<b>Percentage of Class (4)</b>
Northpond Fund I (1)	471,415		471,415		471,415	471,415	2.4%
Northpond GP (1)			471,415		471,415	471,415	2.4%
Northpond Fund II (2)	1,003,193		1,003,193		1,003,193	1,003,193	5.1%
Northpond II GP (2)			1,003,193		1,003,193	1,003,193	5.1%
Northpond Fund III (3)	763,636		763,636		763,636	763,636	3.9%
Northpond III GP (3)			763,636		763,636	763,636	3.9%
Rubin (1) (2)			2,238,244		2,238,244	2,238,244	11.5%

- (1) Includes 471,415 shares held by Northpond Fund I. Northpond GP is the general partner of Northpond Fund I and Rubin is the managing member of Northpond GP. As such, Northpond GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund I and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund I.
- (2) Includes 1,003,193 shares held by Northpond Fund II. Northpond II GP is the general partner of Northpond Fund II and Rubin is the managing member of Northpond II GP. As such, Northpond II GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund II and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund II.
- (3) Includes 763,636 shares held by Northpond Fund III. Northpond III GP is the general partner of Northpond Fund III and Rubin is the managing member of Northpond III GP. As such, Northpond III GP and Rubin have shared dispositive and voting power over the shares held by Northpond Fund III and may be deemed to have indirect beneficial ownership of the shares held by Northpond Fund III.
- (4) This percentage is calculated on 19,505,119 shares of Common Stock outstanding as of October 15, 2024 upon the closing of the Issuer's initial public offering, as reported in the Issuer's prospectus filed with the SEC on October 11, 2024.

**Item 5. Ownership of Five Percent or Less of a Class**

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

**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 or Control Person**

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 such purpose or effect.

**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.

Dated: October 22, 2024

**Northpond Ventures, LP**

By: Northpond Ventures GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures II, LP**

By: Northpond Ventures II GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures II GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures III, LP**

By: Northpond Ventures III GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures III GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

/s/ Michael P. Rubin  
Michael P. Rubin

**ATTENTION**

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**Intentional misstatements or omissions of fact constitute Federal Criminal Violations (See 18 U.S.C. 1001).**

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**Exhibit(s):**

[A](#)      [Joint Filing Agreement](#)

EXHIBIT A

JOINT FILING AGREEMENT

We, the undersigned, hereby express our agreement that the attached Schedule 13G (or any amendments thereto) relating to the Common Stock of CAMP4 Therapeutics Corporation is filed on behalf of each of us.

Dated: October 22, 2024

**Northpond Ventures, LP**

By: Northpond Ventures GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures II, LP**

By: Northpond Ventures II GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures II GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures III, LP**

By: Northpond Ventures III GP, LLC  
its General Partner

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

**Northpond Ventures III GP, LLC**

By: /s/ Patrick Smerkers  
Name: Patrick Smerkers  
Title: Authorized Signatory

/s/ Michael P. Rubin  
Michael P. Rubin

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