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

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**SCHEDULE 13G**

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

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**T2 Biosystems, Inc.**  
(Name of Issuer)

**Common Stock, par value \$0.001 per share**  
(Title of Class of Securities)

**89853L203**  
(CUSIP Number)

**July 3, 2023**  
(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 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 Nathan D. Hukill	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input checked="" type="checkbox"/> (1)    (b) <input type="checkbox"/>	
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  72,503,592
	7.	Sole Dispositive Power  0
	8.	Shared Dispositive Power  72,503,592
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  72,503,592	
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)  19.9% (2)	
12.	Type of Reporting Person (See Instructions)  IN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer, plus 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B convertible preferred stock of the Issuer that are beneficially owned by the Reporting Persons.

1.	Names of Reporting Persons	
	CR Group L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
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
		72,503,592
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		72,503,592
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	72,503,592	
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)	
	19.9% (2)	
12.	Type of Reporting Person (See Instructions)	
	IA	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer, plus 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B convertible preferred stock of the Issuer that are beneficially owned by the Reporting Persons.

1.	Names of Reporting Persons	
	CRG Partners III L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
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
		19,334,277
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		19,334,277
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	19,334,277	
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)	
	6.7% (2)	
12.	Type of Reporting Person (See Instructions)	
	PN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer.

1.	Names of Reporting Persons CRG Partners III Parallel Fund "A" L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
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  12,039,660
	7.	Sole Dispositive Power  0
	8.	Shared Dispositive Power  12,039,660
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  12,039,660	
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)  4.1% (2)	
12.	Type of Reporting Person (See Instructions)  PN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer.

1.	Names of Reporting Persons	
	CRG Partners III (Cayman) Unlev AIV I L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Cayman Islands	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power
		0
	6.	Shared Voting Power
		3,866,855
	7.	Sole Dispositive Power
		0
	8.	Shared Dispositive Power
		3,866,855
9.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,866,855	
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)	
	1.3% (2)	
12.	Type of Reporting Person (See Instructions)	
	PN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer.

1.	Names of Reporting Persons CRG Partners III (Cayman) Lev AIV I L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
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  37,262,800
	7.	Sole Dispositive Power  0
	8.	Shared Dispositive Power  37,262,800
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  37,262,800	
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)  11.9% (2)	
12.	Type of Reporting Person (See Instructions)  PN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer, plus 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B convertible preferred stock of the Issuer that are beneficially owned by the Reporting Persons.

1.	Names of Reporting Persons  CRG Partners III Parallel Fund "B" (Cayman) L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) <input checked="" type="checkbox"/> (1)      (b) <input type="checkbox"/>	
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  24,157,794
	7.	Sole Dispositive Power  0
	8.	Shared Dispositive Power  24,157,794
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  24,157,794	
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)  7.7% (2)	
12.	Type of Reporting Person (See Instructions)  PN	

- (1) Nathan D. Hukill, CR Group L.P., CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P., and CRG Partners III Parallel Fund "B" (Cayman) L.P. are members of a group for the purposes of this Schedule 13G.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer, plus 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B convertible preferred stock of the Issuer that are beneficially owned by the Reporting Persons.



**Item 1.**

- (a) Name of Issuer  
T2 Biosystems, Inc.
- (b) Address of Issuer's Principal Executive Offices  
101 Hartwell Avenue, Lexington, MA 02421

**Item 2.**

- (a) Name of Person Filing

This Schedule 13G is filed jointly by the following persons (each a "Reporting Person" and collectively, the "Reporting Persons"):

Nathan D. Hukill  
CR Group L.P.  
CRG Partners III L.P.  
CRG Partners III Parallel Fund "A" L.P.  
CRG Partners III (Cayman) Unlev AIV I L.P.  
CRG Partners III (Cayman) Lev AIV I L.P.  
CRG Partners III Parallel Fund "B" (Cayman) L.P.

CR Group L.P. may be deemed to beneficially own the shares by virtue of its position as the investment manager for CRG Partners III L.P., CRG Partners III Parallel Fund "A" L.P., CRG Partners III (Cayman) Unlev AIV I L.P., CRG Partners III (Cayman) Lev AIV I L.P. and CRG Partners III Parallel Fund "B" (Cayman) L.P. Mr. Hukill may be deemed to have beneficial ownership over the securities by virtue of his indirect control of CR Group L.P.

- (b) Address of Principal Business Office or, if none, Residence

The address of the principal business office of each of the Reporting Persons is 1000 Main Street, Suite 2500, Houston, TX 77002.

- (c) Citizenship

See Row 4 of the cover page for each Reporting Person.

- (d) Title of Class of Securities

Common Stock, par value \$0.001 per share

- (e) CUSIP Number

89853L203

**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**

## (a) Amount beneficially owned:

Nathan D. Hukill	72,503,592 (1)
CR Group L.P.	72,503,592 (1)
CRG Partners III L.P.	19,334,277
CRG Partners III Parallel Fund "A" L.P.	12,039,660
CRG Partners III (Cayman) Unlev AIV I L.P.	3,866,855
CRG Partners III (Cayman) Lev AIV I L.P.	37,262,800 (1)
CRG Partners III Parallel Fund "B" (Cayman) L.P.	24,157,794 (1)

## (b) Percent of class:

Nathan D. Hukill	19.9% (2)
CR Group L.P.	19.9% (2)
CRG Partners III L.P.	6.7% (2)
CRG Partners III Parallel Fund "A" L.P.	4.1% (2)
CRG Partners III (Cayman) Unlev AIV I L.P.	1.3% (2)
CRG Partners III (Cayman) Lev AIV I L.P.	12.8% (2)
CRG Partners III Parallel Fund "B" (Cayman) L.P.	8.3% (2)

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

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

Nathan D. Hukill	0
CR Group L.P.	0
CRG Partners III L.P.	0
CRG Partners III Parallel Fund "A" L.P.	0
CRG Partners III (Cayman) Unlev AIV I L.P.	0
CRG Partners III (Cayman) Lev AIV I L.P.	0
CRG Partners III Parallel Fund "B" (Cayman) L.P.	0

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

Nathan D. Hukill	72,503,592 (1)
CR Group L.P.	72,503,592 (1)
CRG Partners III L.P.	19,334,277
CRG Partners III Parallel Fund "A" L.P.	12,039,660
CRG Partners III (Cayman) Unlev AIV I L.P.	3,866,855
CRG Partners III (Cayman) Lev AIV I L.P.	37,262,800 (1)
CRG Partners III Parallel Fund "B" (Cayman) L.P.	24,157,794 (1)

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

Nathan D. Hukill	0
CR Group L.P.	0
CRG Partners III L.P.	0
CRG Partners III Parallel Fund "A" L.P.	0
CRG Partners III (Cayman) Unlev AIV I L.P.	0
CRG Partners III (Cayman) Lev AIV I L.P.	0
CRG Partners III Parallel Fund "B" (Cayman) L.P.	0

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

Nathan D. Hukill	72,503,592 (1)
CR Group L.P.	72,503,592 (1)
CRG Partners III L.P.	19,334,277
CRG Partners III Parallel Fund "A" L.P.	12,039,660
CRG Partners III (Cayman) Unlev AIV I L.P.	3,866,855
CRG Partners III (Cayman) Lev AIV I L.P.	37,262,800 (1)
CRG Partners III Parallel Fund "B" (Cayman) L.P.	24,157,794 (1)

- (1) Includes 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B Convertible Preferred Stock.
- (2) This percentage is calculated based on 290,195,720 shares of Common Stock issued and outstanding as of July 3, 2023, as provided by the Issuer, plus 24,157,794 shares of Common Stock issuable upon conversion of shares of Series B convertible preferred stock of the Issuer that are beneficially owned by the Reporting Persons.

**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: July 13, 2023

Nathan D. Hukill

/s/ Nathan D. Hukill

\_\_\_\_\_  
An individual

CR Group L.P.

CRG Partners III L.P.

CRG Partners III Parallel Fund "A" L.P.

CRG Partners III (Cayman) Unlev AIV I L.P.

CRG Partners III (Cayman) Lev AIV I L.P.

CRG Partners III Parallel Fund "B" (Cayman) L.P.

By: /s/ Nathan D. Hukill

\_\_\_\_\_  
Nathan D. Hukill, authorized signatory

**EXHIBITS**

A: Joint Filing Agreement

**EXHIBIT A**

## JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock of T2 Biosystems, Inc. and further agree that this agreement be included as an exhibit to such filing. Each party to the agreement expressly authorizes each other party to file on its behalf any and all amendments to such statement. Each party to this agreement agrees that this joint filing agreement may be signed in counterparts.

In evidence whereof, the undersigned have caused this Agreement to be executed on their behalf this 13th day of July, 2023.

Nathan D. Hukill

/s/ Nathan D. Hukill

An individual

CR Group L.P.

CRG Partners III L.P.

CRG Partners III Parallel Fund "A" L.P.

CRG Partners III (Cayman) Unlev AIV I L.P.

CRG Partners III (Cayman) Lev AIV I L.P.

CRG Partners III Parallel Fund "B" (Cayman) L.P.

By: /s/ Nathan D. Hukill

Nathan D. Hukill, authorized signatory