FORM 3

Flagship VentureLabs V LLC

(First)

55 CAMBRIDGE PARKWAY, SUITE 800E

MA

(State)

(Middle)

02142

(Zip)

(Last)

(Street)

(City)

CAMBRIDGE

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104
Estimated average burden
hours per response: 0.5

							nours p	er response. 0.5
			116(a) of the Securities Exchange of the Investment Company Act of					
1. Name and Address of Reporting Person*  Flagship Ventures Fund V General Partner LLC	ne and Address of Reporting Person* (Ship Ventures Fund V General ner LLC  (First) (Middle)  AMBRIDGE PARKWAY, SUITE 800E		Issuer Name and Ticker or Tr Evelo Biosciences, Inc.	ading Symbol				
			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X 10% Owner  Officer (give title below)  Other (specify below)			5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person		
55 CAMBRIDGE PARKWAY, SUITE 800E								
(Street) CAMBRIDGE MA 02142								
(City) (State) (Zip)								
	Table I - N	lon-Deriva	tive Securities Beneficia	lly Owned	<u> </u>			
1. Title of Security (Instr. 4)			2. Amount of Securities Beneficially Owned (Instr. 4)  3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Common Stock			3,330,009	I		See	footnotes <sup>(1)(9)</sup>	)(10)(11)
(			ve Securities Beneficially ants, options, convertibl		es)			
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise		5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security		or Indirect (I) (Instr. 5)	
Series A Preferred Stock	(2)	(2)	Common Stock	3,073,533	(2)	)	I	See footnotes <sup>(3)(9)(10)</sup>
Series A-1 Preferred Stock	(2)	(2)	Common Stock	2,476,600	(2)	)	I	See footnotes <sup>(4)(9)(10)</sup>
Series A-2 Preferred Stock	(2)	(2)	Common Stock	1,327,939	(2)	)	I	See footnotes <sup>(5)(9)(10)</sup>
Series A-3 Preferred Stock	(2)	(2)	Common Stock	2,042,902	(2)	)	I	See footnotes <sup>(6)(9)(10)</sup> (11)
Series B Preferred Stock	(2)	(2)	Common Stock	4,562,664	(2)	)	I	See footnotes <sup>(7)(9)(10)</sup>
Series C Preferred Stock	(2)	(2)	Common Stock	1,138,505	(2)	)	I	See footnotes <sup>(8)(9)(10)</sup>
<ol> <li>Name and Address of Reporting Person*</li> <li>Flagship Ventures Fund V General Page</li> </ol>	<u>ırtner LLC</u>							
(Last) (First) (Midd 55 CAMBRIDGE PARKWAY, SUITE 800E	lle)							
(Street) CAMBRIDGE MA 0214	12							
(City) (State) (Zip)								
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Street) CAMBRIDGE	MA	02142
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Street) CAMBRIDGE	MA	02142
(City)	(State)	(Zip)
. Name and Address Nutritional He L.P. (Last) 55 CAMBRIDGE	alth Disruptiv	ve Innovation Fund, (Middle)
Street) CAMBRIDGE		02142
(City)	(State)	(7in)
		(Zip)
. Name and Address Nutritional He (Last) 55 CAMBRIDGE	of Reporting Personalth Side Fun	on* d, L.P.  (Middle)
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(Street)			
CAMBRIDGE	MA	02142	
(City)	(State)	(7:)	
		(Zip) on*	
1. Name and Address KANIA EDW	s of Reporting Perso	on*	
Name and Address	s of Reporting Person	on* (Middle)	
1. Name and Address  KANIA EDW  (Last)	s of Reporting Person	on* (Middle)	
1. Name and Address KANIA EDW  (Last) 55 CAMBRIDGE	s of Reporting Person IN M JR  (First)  E PARKWAY, SU	on* (Middle)	

## **Explanation of Responses:**

- 1. Includes 684,372 shares held by Flagship VentureLabs IV LLC ("VentureLabs IV") and 2,645,637 shares held by Flagship VentureLabs V LLC ("VentureLabs V").
- 2. The preferred stock is convertible into the Issuer's common stock on a 0.2452-for-one basis at the holder's election and has no expiration date. The preferred stock will automatically convert into common stock upon the closing of the Issuer's initial public offering.
- 3. Includes Series A Preferred Stock convertible into 2,554,616 shares of common stock by Flagship Ventures Fund V, L.P. ("Flagship Fund V"), 314,619 shares of common stock by Flagship V VentureLabs Rx Fund, L.P. ("Nutritional Health Side Fund, L.P. ("Nutritional Health Side Fund").
- 4. Includes Series A-1 Preferred Stock convertible into 1,019,675 shares of common stock by Flagship Ventures Fund IV L.P. ("Flagship Fund IV"), 244,621 shares of common stock by Flagship Fund IV-Rx, L.P. ("Flagship Fund IV-Rx," and, together with VentureLabs IV and Flagship Fund IV, the "Flagship Fund IV Funds"), 303,076 shares of common stock by Flagship Fund V and 909,228 shares of common stock by Nutritional Health Disruptive Innovation Fund, L.P. ("Nutritional Innovation Fund" and, together with VentureLabs V, Flagship Fund V, VentureLabs Rx V and Nutritional Health Side Fund, the "Flagship Fund V Funds").
- 5. Includes Series A-2 Preferred Stock convertible into 747,732 shares of common stock by Flagship Fund V, 478,058 shares of common stock by VentureLabs Rx V and 102,149 shares of common stock by Nutritional Health Side Fund.
- 6. Includes Series A-3 Preferred Stock convertible into 817,161 shares of common stock by Flagship Fund IV, 204,290 shares of common stock by Flagship Fund IV-Rx, 255,362 shares of common stock by Flagship Fund V and 766,089 shares of common stock by Nutritional Innovation Fund.
- 7. Includes Series B Preferred Stock convertible into 340,497 shares of common stock by Flagship Fund V, 817,194 shares of common stock by VentureLabs Rx V, 1,361,989 shares of common stock by Nutritional Innovation Fund, 1,702,487 shares of common stock by Flagship Ventures Opportunities Fund I, L.P. ("Flagship Opportunities I" and, together with the Flagship Fund IV Funds and Flagship Fund V Funds, the "Flagship Funds") and 340,497 shares of common stock by Nutritional Health Side Fund.
- 8. Includes Series C Preferred Stock convertible into 569,253 shares of common stock by Flagship Opportunities I, 455,402 shares of common stock by Nutritional Innovation Fund and 113,850 shares of common stock by Nutritional Health Side Fund.
- $9. \ Flagship \ Fund \ IV \ is \ a \ member \ of \ Flagship \ Venture Labs \ IV \ and \ also \ serves \ as \ its \ manager. \ Flagship \ Fund \ V \ is \ a \ member \ of \ Flagship \ Venture Labs \ V \ and \ also \ serves \ as \ its \ manager.$
- 10. The general partner of each of Flagship Fund IV and Flagship Fund IV-Rx is Flagship Ventures Fund IV General Partner LLC ("Flagship Fund IV GP"). The general partner of Flagship Fund V, Flagship VentureLabs V-Rx, Nutritional Innovation Fund and Nutritional Health Side Fund is Flagship Ventures Fund V General Partner LLC ("Flagship Fund V GP"). The general partner of Flagship Opportunities Fund I is Flagship Ventures Opportunities Fund I General Partner LLC ("Flagship Opportunities GP," and together with Flagship Fund IV GP and Flagship Fund V GP, the "Flagship General Partners").
- 11. Noubar B. Afeyan, Ph.D. and Edwin M. Kania, Jr. are the managers of Flagship Fund IV GP and each of these individuals may be deemed to share voting and investment power with respect to all shares held by Flagship Fund IV Funds. Dr. Afeyan also serves as the managing member of the Flagship Fund V GP and Flagship Opportunities Fund GP and may be deemed to possess sole voting and investment control over the shares held by the Flagship Fund V Funds and Flagship Opportunities Fund I. Each of the Flagship General Partners, Dr. Afeyan and Mr. Kania disclaims beneficial ownership of any shares beneficially owned by the Flagship Funds except to the extent of its or his pecuniary interest therein.

## Remarks:

Exhibit 24 - Power of Attorney. Due to the limitations of the electronic filing system each of Flagship Ventures Fund IV General Partner LLC, Flagship VentureLabs IV LLC, Flagship Ventures Fund IV, L.P. and Flagship Ventures Fund IV-Rx, L.P. are filing a separate Form 3.

Flagship Ventures Fund V General Partner LLC, By: /s/ Noubar B. Afeyan, Name: 05/08/2018 Noubar B. Afeyan, Ph.D., <u>Title: Manager</u> Flagship VentureLabs V LLC, By: Flagship Ventures Fund V. L.P., its manager, By: Flagship Ventures Fund V General Partner LLC, its general 05/08/2018 partner, By: /s/ Noubar B. Afeyan, Ph.D., Name: Noubar B. Afeyan, Ph.D., Title: Manager Flagship Ventures Fund V, L.P., By: Flagship Ventures Fund V General Partner LLC, its 05/08/2018 general partner, By: /s/ Noubar B. Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager Flagship V VentureLabs Rx Fund, L.P., By: Flagship Ventures Fund V General 05/08/2018 Partner LLC, its general partner, By: /s/ Noubar B.

Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager

Nutritional Health Disruptive 05/08/2018 Innovation Fund, L.P., By: Flagship Ventures Fund V General Partner LLC, its general partner, By: /s/ Noubar B. Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager Nutritional Health Side Fund, L.P., By: Flagship Ventures Fund V General Partner LLC, its general partner, By: /s/ 05/08/2018 Noubar B. Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager Flagship Ventures Opportunities Fund I, L.P., By: Flagship Ventures Opportunities Fund I General 05/08/2018 Partner LLC, its general partner, By: /s/ Noubar B. Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager Flagship Ventures Opportunities Fund I General Partner LLC, By: /s/ Noubar B. 05/08/2018 Afeyan, Name: Noubar B. Afeyan, Ph.D., Title: Manager /s/ Noubar B. Afeyan, Noubar 05/08/2018 B. Afeyan, Ph.D. /s/ Edwin M. Kania, Jr., Edwin 05/08/2018 M. Kania, Jr. \*\* Signature of Reporting Person

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).