

SCHEDULE 13G

SECURITIES AND EXCHANGE COMMISSION  
 WASHINGTON, DC 20549

Under the Securities Exchange Act of 1934  
 (Amendment No. 1)\*

**InflaRx N.V.**

(Name of Issuer)

Common Shares, nominal value €0.12 per share

(Title of Class of Securities)

N44821101

(CUSIP Number)

December 31, 2020

(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 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 (the "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).

CUSIP No. N44821101

1	NAMES OF REPORTING PERSONS	
	Baker Bros. Advisors LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)	(a) <input type="checkbox"/> (b) <input type="checkbox"/>
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
NUMBER OF SHARES	5	SOLE VOTING POWER
		856,228

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER -0-
	7	SOLE DISPOSITIVE POWER 856,228
	8	SHARED DISPOSITIVE POWER -0-
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 856,228	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) ..	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 3.0% (1)	
12	TYPE OF REPORTING PERSON (See Instructions) IA, PN	

(1) Based on 28,228,415 common shares (“Common Shares”) of InflaRx N.V. (the “Issuer”) outstanding as of September 30, 2020, as reported in the Issuer’s Form 6-K filed with the Securities and Exchange Commission (“SEC”) on October 29, 2020.

CUSIP No. N44821101

1	NAMES OF REPORTING PERSONS Baker Bros. Advisors (GP) LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)	(a) .. (b) ..
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 856,228
	6	SHARED VOTING POWER -0-
	7	SOLE DISPOSITIVE POWER 856,228
	8	SHARED DISPOSITIVE POWER -0-
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 856,228	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ..	

	(See Instructions)
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 3.0% (1)
12	TYPE OF REPORTING PERSON (See Instructions) HC, OO

(1) Based on 28,228,415 Common Shares of the Issuer outstanding as of September 30, 2020, as reported in the Issuer's Form 6-K filed with the SEC on October 29, 2020.

CUSIP No. N44821101

1	NAMES OF REPORTING PERSONS Felix J. Baker	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)	(a) " (b) "
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 856,228
	6	SHARED VOTING POWER -0-
	7	SOLE DISPOSITIVE POWER 856,228
	8	SHARED DISPOSITIVE POWER -0-
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 856,228	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 3.0% (1)	
12	TYPE OF REPORTING PERSON (See Instructions) IN, HC	

(1) Based on 28,228,415 Common Shares outstanding as of September 30, 2020, as reported in the Issuer's Form 6-K filed with the SEC on October 29, 2020.

1	NAMES OF REPORTING PERSONS Julian C. Baker	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) .. (b) ..	
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 856,228
	6	SHARED VOTING POWER -0-
	7	SOLE DISPOSITIVE POWER 856,228
	8	SHARED DISPOSITIVE POWER -0-
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 856,228	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) ..	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 3.0% (1)	
12	TYPE OF REPORTING PERSON (See Instructions) IN, HC	

(1) Based on 28,228,415 Common Shares outstanding as of September 30, 2020, as reported in the Issuer's Form 6-K filed with the SEC on October 29, 2020.

#### Amendment No. 1 to Schedule 13G

This Amendment No. 1 to Schedule 13G amends the previously filed Schedule 13G filed by Baker Bros. Advisors LP (the "Adviser"), Baker Bros. Advisors (GP) LLC (the "Adviser GP"), Julian C. Baker and Felix J. Baker (collectively, the "Reporting Persons"). Except as supplemented herein, such statements, as heretofore amended and supplemented, remain in full force and effect.

Item 1(a) Name of Issuer:

InflaRx N.V. (the "Issuer")

Item 1(b) Address of Issuer's Principal Executive Offices:

Winzerlaer Str. 2

07745 Jena, Germany

- Item 2(a) Name of Person Filing:  
This Schedule 13G is being filed jointly by the Reporting Persons.
- Item 2(b) Address of Principal Business Office or, if None, Residence:  
The business address of each of the Reporting Persons is:  
c/o Baker Bros. Advisors LP  
860 Washington Street, 3<sup>rd</sup> Floor  
New York, NY 10014  
(212) 339-5690
- Item 2(c) Citizenship:  
The Adviser is a limited partnership organized under the laws of the State of Delaware. The Adviser GP is a limited liability company organized under the laws of the State of Delaware. The citizenship of each of Julian C. Baker and Felix J. Baker is the United States of America.
- Item 2(d) Title of Class of Securities  
Common Shares, nominal value €0.12 per share (“Common Shares”)
- Item 2(e) CUSIP Number  
N44821101
- 

- Item 3. If this statement is filed pursuant to §§240.13d-1(b) or (c), check whether the person filing is a:
- (a)  Broker or dealer registered under Section 15 of the Exchange Act.
  - (b)  Bank as defined in section 3(a)(6) of the Exchange Act.
  - (c)  Insurance company as defined in section 3(a)(19) of the Exchange Act.
  - (d)  Investment company registered under section 8 of the Investment Company Act of 1940.
  - (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
  - (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
  - (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
  - (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
  - (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
  - (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

- Item 4. Ownership.

Items 5 through 9 and 11 of each of the cover pages to this Amendment No. 1 are incorporated herein by reference. Set forth below is the aggregate number of Common Shares directly held by each of Baker Brothers Life Sciences, L.P. (“Life Sciences”) and 667, L.P. (“667”, and together with Life Sciences, the “Funds”). The information set forth below is based on 28,228,415 Common Shares outstanding as of September 30, 2020, as reported in the Issuer’s Form 6-K filed with the Securities and Exchange Commission (“SEC”) on October 29, 2020. Such percentage figures are calculated in accordance with Rule 13d-3 under

the Securities Exchange Act of 1934, as amended.

Name	Number of Common Shares we own or have the right to acquire within 60 days	Percent of Class Outstanding
667, L.P.	70,912	0.2%
Baker Brothers Life Sciences, L.P.	785,316	2.8%
Total	856,228	3.0%

The Adviser GP, Felix J. Baker and Julian C. Baker as managing members of the Adviser GP, and the Adviser may be deemed to be beneficial owners of securities of the Issuer directly held by the Funds.

The Adviser GP is the sole general partner of the Adviser. Pursuant to the management agreements, as amended, among the Adviser, Life Sciences and 667 and their respective general partners, the Funds' respective general partners relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the securities held by the Funds, and thus the Adviser has complete and unlimited discretion and authority with respect to the Funds' investments and voting power over investments.

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 x.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

N/A

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

The information in Item 4 is incorporated herein by reference.

Item 8. Identification and Classification of Members of the Group.

N/A

Item 9. Notice of Dissolution of Group.

N/A

Item 10. Certification.

N/A

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.

February 16, 2021

BAKER BROS. ADVISORS LP

By: Baker Bros. Advisors (GP) LLC, its general partner

By: /s/ Scott L. Lessing

Name: Scott L. Lessing

Title: President

BAKER BROS. ADVISORS (GP) LLC

By: /s/ Scott L. Lessing

Name: Scott L. Lessing

Title: President

/s/ Julian C. Baker

Julian C. Baker

/s/ Felix J. Baker

Felix J. Baker

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