

ARQULE INC
Form SC 13G
January 31, 2003

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SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

SCHEDULE 13G
(Rule 13d-102)

**INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULES 13d-1(b) (c) AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO 13d-2(b)
(Amendment No.)¹**

ArQule, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

04269E 10 7

(CUSIP Number)

January 24, 2003

(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)
-

¹ 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 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*).

1 NAME OF REPORTING PERSON:

Biotechnology Value Fund, L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)
 (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES	5	SOLE VOTING POWER 0
BENEFICIALLY OWNED BY	6	SHARED VOTING POWER 385,200
EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER 0
WITH:	8	SHARED DISPOSITIVE POWER 385,200

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

385,200

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

1.8%

12 TYPE OF REPORTING PERSON*

PN

***SEE INSTRUCTIONS BEFORE FILLING OUT!**

1 NAME OF REPORTING PERSON:
Biotechnology Value Fund II, L.P.
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a)
 (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES	7	SOLE VOTING POWER	0
BENEFICIALLY OWNED BY EACH REPORTING PERSON	6	SHARED VOTING POWER	310,300
WITH:	7	SOLE DISPOSITIVE POWER	0
	8	SHARED DISPOSITIVE POWER	310,300

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
310,300

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
1.5%

12 TYPE OF REPORTING PERSON*
PN

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1 NAME OF REPORTING PERSON:
BVF Investments, L.L.C.

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I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES	5	SOLE VOTING POWER	0
BENEFICIALLY OWNED BY	6	SHARED VOTING POWER	653,300
EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER	0
WITH:	8	SHARED DISPOSITIVE POWER	653,300

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
653,300

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
3.1%

12 TYPE OF REPORTING PERSON*
OO

***SEE INSTRUCTIONS BEFORE FILLING OUT!**

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1 NAME OF REPORTING PERSON:
BVF Partners L.P.
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (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	0
	6	SHARED VOTING POWER	1,421,800
	7	SOLE DISPOSITIVE POWER	0
	8	SHARED DISPOSITIVE POWER	1,421,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,421,800

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

6.7%

12 TYPE OF REPORTING PERSON*

PN

***SEE INSTRUCTIONS BEFORE FILLING OUT!**

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1 NAME OF REPORTING PERSON:
BVF Inc.
 S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) y
(b) o

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES	5	SOLE VOTING POWER	0
BENEFICIALLY OWNED BY EACH REPORTING PERSON	6	SHARED VOTING POWER	1,421,800
WITH:	7	SOLE DISPOSITIVE POWER	0
	8	SHARED DISPOSITIVE POWER	1,421,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,421,800

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* 0

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

6.7%

12 TYPE OF REPORTING PERSON*

IA, CO

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ITEM 1(a). NAME OF ISSUER:

ArQule, Inc. ("ArQule")

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

19 Presidential Way
Woburn, Massachusetts 01801-5140

ITEM 2(a). NAME OF PERSON FILING:

This Schedule 13G is being filed on behalf of the following persons* (the "Reporting Persons"):

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- (i) Biotechnology Value Fund, L.P. ("BVF")
- (ii) Biotechnology Value Fund II, L.P. ("BVF2")
- (iii) BVF Investments, L.L.C. ("Investments")
- (iv) BVF Partners L.P. ("Partners")
- (v) BVF Inc. ("BVF Inc.")

*

Attached as Exhibit 1 is a copy of an agreement among the Reporting Persons filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE:

The principal business office of the Reporting Persons comprising the group filing this Schedule 13G is located at 227 West Monroe Street, Suite 4800, Chicago, Illinois, 60606.

ITEM 2(c). CITIZENSHIP:

BVF:	a Delaware limited partnership
BVF2:	a Delaware limited partnership
Investments:	a Delaware limited liability company
Partners:	a Delaware limited partnership
BVF Inc.:	a Delaware corporation

ITEM 2(d). TITLE OF CLASS OF SECURITIES:

Common Stock.

ITEM 2(e). CUSIP Number:

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ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULE 13d-1(b), or 13d-2(b) or (c) CHECK WHETHER THE PERSON FILING IS: One of the following

Not applicable as this Schedule 13G is filed pursuant to Rule 13d-1(c).

ITEM 4. OWNERSHIP:

The information in items 1 and 5 through 11 on the cover pages (pp. 2 - 6) on this Schedule 13G is hereby incorporated by reference.

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 Persons have ceased to be the beneficial owner of more than five percent of the class of securities check the following. o

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

BVF shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. BVF2 also shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. Investments also shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. Pursuant to the operating agreement of Investments, Partners is

authorized, among other things, to invest the funds of Ziff Asset Management, L.P., the majority member of Investments, in shares of the common stock Investments beneficially owns and to vote and exercise dispositive power over those shares of common stock. Partners and BVF Inc. share voting and dispositive power over the shares of the common stock they beneficially own with, in addition to BVF, BVF2 and Investments, a managed account on whose behalf Partners, as investment manager, purchased such shares. The managed account does not own more than 5% of the common stock of ArQule.

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 A GROUP:

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

Not applicable.

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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.

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: January 31, 2003

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert
President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert
President

BVF INVESTMENTS, L.L.C.

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By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert
President

BVF PARTNERS L.P.

By: BVF Partners L.P., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert
President

BVF INC.

By: /s/ MARK N. LAMPERT

Mark N. Lampert
President

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