MICROMET, INC. Form SC 13G February 20, 2007

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

SCHEDULE 13G Under the Securities Exchange Act of 1934

(Amendment No. ___)

MICROMET, INC. (Name of Issuer)

Common Stock, Par Value \$0.00004 Per Share ______ (Title of Class of Securities)

> 13738Y107 (CUSIP Number)

December 31, 2006

(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)

[X] Rule 13d-1(c)

[] Rule 13d-1(d)

CUSIP No. 13738Y107

13G

Page 2 of 9 Pages -----

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

INTERNATIONAL BIOTECHNOLOGY TRUST PLC

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [] (b) []

SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

UNITED KINGDOM

5. SOLE VOTING POWER --0--

NUMBER OF SHARES

6. SHARED VOTING POWER 1,907,390

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		7. SOLE DISPOSITIVE POWER0		
		8. SHARED DISPOSITIVE POWE	R 1,907,390	
9.	AGGREGATE AMOUNT BENEF	FICIALLY OWNED BY EACH REPORTING P	ERSON	
	1,907,390			
10.	CHECK BOX IF THE AGGREINSTRUCTIONS) []	EGATE AMOUNT IN ROW (9) EXCLUDES C	ERTAIN SHARES (SEE	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9			
	6.1%			
12.	TYPE OF REPORTING PERS	GON (SEE INSTRUCTIONS)		
	CO			
CUSIP	No. 29425Y101	13G 	Page 3 of 9 Page:	
1.	NAMES OF REPORTING PERIOR.S. IDENTIFICATION	RSONS NOS. OF ABOVE PERSONS (ENTITIES O	NLY)	
	SV LIFE SCIENCES	3 MANAGERS LLP		
2.	CHECK THE APPROPRIATE (a) [] (b) []	BOX IF A MEMBER OF A GROUP (SEE I	NSTRUCTIONS)	
3.	SEC USE ONLY	,		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION			
	UNITED KINGDOM			
		5. SOLE VOTING POWER0		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6. SHARED VOTING POWER 1,9	 07 , 390	
		7. SOLE DISPOSITIVE POWER	0	
		8. SHARED DISPOSITIVE POWE		
9.	AGGREGATE AMOUNT BENEF	FICIALLY OWNED BY EACH REPORTING P	 ERSON	
	1,907,390			
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			
	6.1%			
12.	TYPE OF REPORTING PERS	SON (SEE INSTRUCTIONS)		

PN

CUSIP No. 29425Y101 13G

Page 4 of 9 Pages

ITEM 1(a). NAME OF ISSUER:

Micromet, Inc. (the "Issuer")

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

2110 Rutherford Road Carlsbad, CA 92008

ITEM 2(a). NAME OF PERSON FILING:

This statement is being filed by the following persons:

- (i) International Biotechnology Trust plc ("IBT"); and
- (ii) SV Life Sciences Managers LLP ("Managers").

IBT and Managers are sometimes individually referred to herein as a "Reporting Person" and collectively as the "Reporting Persons."

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

Address for IBT: 31 Gresham Street London, EC2V 7QA United Kingdom

Address for Managers: 71 Kingsway London, WC2B 6ST United Kingdom

ITEM 2(c). CITIZENSHIP:

IBT - United Kingdom Managers - United Kingdom

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

Common Stock, par value \$0.00004 per share

ITEM 2(e). CUSIP NUMBER:

13738Y107

ITEM 3. Not applicable.

13G Page 5 of 9 Pages CUSIP No. 29425Y101

ITEM 4. OWNERSHIP.

Provide the following information regarding the aggregate number and percentage of the class of securities of the Issuer identified in Item $1. \,$

For IBT and Managers:

- (a) Amount beneficially owned: 1,907,390 shares of Common Stock
- (b) Percent of class: 6.1%
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote: --0--
 - (ii) Shared power to vote or to direct the vote: 1,907,390
 - (iii) Sole power to dispose or to direct the disposition of: --0-
 - (iv) Shared power to dispose or to direct the disposition of: 1,907,390
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not applicable.

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

IBT is the record owner of 1,907,390 shares of Common Stock of the Issuer ("Record Shares"). By virtue of the contractual relationship between IBT and Managers, Managers may be deemed to own beneficially the Record Shares. Managers expressly disclaims beneficial ownership of any shares of such shares of Common Stock.

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 THE GROUP.

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

CUSIP No. 29425Y101

13G

Page 6 of 9 Pages

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.

CUSIP No. 29425Y101 13G Page 7 of 9 Pages

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, 2007

Date

INTERNATIONAL BIOTECHNOLOGY TRUST PLC

/s/ Nick Coleman

Signature

Nick Coleman, Authorized Signatory

Name/Title

SV LIFE SCIENCES MANAGERS LLP

/s/ Nick Coleman

Signature

Nick Coleman, Authorized Signatory

Name/Title

CUSIP No. 29425Y101 13G Page 8 of 9 Pages

EXHIBIT INDEX

Exhibit 1. Joint Filing Agreement as required by Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

CUSIP No. 29425Y101 13G Page 9 of 9 Pages

EXHIBIT 1

JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or its knows or has reason to believe that such information is inaccurate.

February 16, 2007			
Date			
INTERNATIONAL BIOTECHNOLOGY TRUST PLC			
/s/ Nick Coleman			
Signature			
Nick Coleman, Authorized Signatory			
Name/Title			
SV LIFE SCIENCES MANAGERS LLP			
/s/ Nick Coleman			
Signature			
Nick Coleman, Authorized Signatory			
Namo/Ti+lo			