# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 13D**

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

	Flamel Technologies, S.A.
	(Name of Issuer)
	Ordinary Shares
	(Title of Class of Securities)
	338488 10 9
	(CUSIP Number)
	Hope Flack
	BVF Partners L.P.
	227 West Monroe Street, Suite 4800
	Chicago, Illinois 60606 (312) 263-7777
	(Name, Address and Telephone Number of Person
	Authorized to Receive Notices and Communications)
	April 20, 2005
	(Date of Event which Requires Filing of this Statement)
	(Dute of Event which requires I ming of this outcoment)
	If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ⊠
	<b>Note</b> : Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.
9	* 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.
5	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 ("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 N	No. 338488 10 9
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)
	Biotechnology Value Fund, L.P.
2.	Check the Appropriate Box if a Member of a Group (See Instructions)
	(a) 🗵
	(b) o

3.

SEC Use Only

4.	WC					
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o					
6.	Citizenship Delaware	or Place of Organization				
	7.	Sole Voting Power 0				
Number of Shares Beneficially	8.	Shared Voting Power 776,652				
Owned by Each Reporting Person With	9.	Sole Dispositive Power				
	10. Shared Dispositive Power 776,652					
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 776,652					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
13.	Percent of Class Represented by Amount in Row (11) 3.62%					
14.	Type of Reporting Person (See Instructions) PN					
		2				
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Biotechnology Value Fund II, L.P.					
2.	Check the	Appropriate Box if a Member of a Group (See Instructions)				
	(a)					
	(b)	0				
3.	SEC Use C	only				

. Source of Funds (See Instructions) WC  Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o					
Citizenship Delaware	o or Place of Organization				
7.	Sole Voting Power 0				
8.	Shared Voting Power 847,770				
9.	Sole Dispositive Power 0				
10.	Shared Dispositive Power 847,770				
Aggregate Amount Beneficially Owned by Each Reporting Person 847,770					
Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
Percent of Class Represented by Amount in Row (11) 3.95%					
Type of Reporting Person (See Instructions) PN					
	3				
Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) BVF Investments, L.L.C.					
Check the	Appropriate Box if a Member of a Group (See Instructions)				
(a)	$oxed{f x}$				
(b)	0				
	Check if D Citizenship Delaware  7.  8.  9.  10.  Aggregate 847,770  Check if the Percent of 3.95%  Type of Re PN  Names of I BVF Invest  Check the (a)				

3.	SEC Use Only					
4.	Source of Funds (See Instructions) WC					
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o					
6.	Citizenship or Place of Organization Delaware					
	7.	Sole Voting Power 0				
Number of Shares Beneficially	8.	Shared Voting Power 836,600				
Owned by Each Reporting Person With	9.	Sole Dispositive Power 0				
	10.	Shared Dispositive Power 836,600				
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 836,600					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
13.	Percent of Class Represented by Amount in Row (11) 3.90%					
14.	Type of Reporting Person (See Instructions) OO					
		4				
1.	Names of I	Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) t 10, L.L.C.				
2.	Check the	Appropriate Box if a Member of a Group (See Instructions)  ☑				
	(a) (b)	0				

3.	SEC Use Only					
4.	Source of Funds (See Instructions) OO					
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o					
6.	Citizenship or Place of Organization Illinois					
	7.	Sole Voting Power 0				
Number of Shares Beneficially	8.	Shared Voting Power 130,120				
Owned by Each Reporting Person With	9.	Sole Dispositive Power 0				
	10.	Shared Dispositive Power 130,120				
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 130,120					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
13.	Percent of Class Represented by Amount in Row (11) 0.61%					
14.	Type of Reporting Person (See Instructions) OO					
		5				
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) BVF Partners L.P.					
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a)   区  区  区  区  区  区  区  区  区  区  区  区  区					

3.	SEC Use Only					
4.	Source of Funds (See Instructions) OO					
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o					
6.	Citizenship or Place of Organization Delaware					
	7.	Sole Voting Power 0				
Number of Shares Beneficially	8.	Shared Voting Power 2,591,142				
Owned by Each Reporting Person With	9.	Sole Dispositive Power 0				
	10.	Shared Dispositive Power 2,591,142				
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,591,142					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
13.	Percent of Class Represented by Amount in Row (11) 12.08%					
14.	Type of Reporting Person (See Instructions) PN					
		6				
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) BVF Inc.					

(b)

2.

Check the Appropriate Box if a Member of a Group (See Instructions)

0

	(a)					
	(b)	0				
3.	SEC Use O	nly				
4.	Source of F	unds (See Instructions)				
5.	Check if Di	sclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o				
6.	Citizenship Delaware	or Place of Organization				
	7.	Sole Voting Power 0				
Number of Shares Beneficially	8.	Shared Voting Power 2,591,142				
Owned by Each						
Reporting Person With	9.	Sole Dispositive Power 0				
	10.	Shared Dispositive Power 2,591,142				
11.	Aggregate <i>I</i> 2,591,142	Amount Beneficially Owned by Each Reporting Person				
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o					
13.	Percent of Class Represented by Amount in Row (11) 12.08% (see Item 5)					
14. Type of Reporting Person (See Instructions) IA, CO						
		7				

# ITEM 1. SECURITY AND ISSUER

This Statement on Schedule 13D is being filed with respect to the French Ordinary Shares ("Ordinary Shares") represented by American Depositary Shares ("ADSs") of Flamel Technologies, S.A. ("Flamel"). The address of the principal executive officers of Flamel is:

### ITEM 2. IDENTITY AND BACKGROUND

The persons filing this Statement, the persons enumerated in Instruction C of this Statement and, where applicable, their respective places of organization, principal office, general partners, managers, directors, executive officers, controlling persons and certain information regarding each of them, are as follows:

- (a) Biotechnology Value Fund, L.P., a Delaware limited partnership ("BVF"), Biotechnology Value Fund II, L.P., a Delaware limited partnership ("BVF2"), BVF Investments, L.L.C., a Delaware limited liability company ("Investments"), Investment 10, L.L.C., an Illinois limited liability company ("ILL10"), BVF Partners L.P., a Delaware limited partnership ("Partners") and BVF Inc., a Delaware corporation ("BVF Inc.") specialize in holding biotechnology stocks for investment purposes. Together, BVF, BVF2, Investments, ILL10, Partners and BVF Inc. are referred to as the "Reporting Persons." Mark N. Lampert, an individual ("Lampert"), is the sole shareholder, sole director and an officer of BVF Inc.
- (b) The business address of BVF, BVF2, Investments, ILL10, and Partners is 227 West Monroe Street, Suite 4800, Chicago, Illinois 60606. The business address of BVF Inc. and Lampert is One Sansome Street, 31st Floor, San Francisco, California 94104.
- (c) Partners is the general partner of BVF and BVF2, which are investment limited partnerships. Partners is the manager of Investments. ILL10 is a managed account, which Partners advises pursuant to an investment management agreement. BVF Inc. is an investment advisor to and general partner of Partners. For Lampert's occupation, please refer to (a) above.
- (d) During the last five years, none of the Reporting Persons or Lampert has been convicted in a criminal proceeding (excluding traffic violations and similar misdemeanors).
- (e) During the last five years, none of the Reporting Persons or Lampert has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction nor, as a result of such proceeding, was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.
- (f) Lampert is a citizen of the United States of America. For the citizenship of each of BVF, BVF2, Investments, ILL10, Partners, and BVF Inc., please refer to (a) above.

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### ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION

The Ordinary Shares were purchased by the Reporting Persons, in the case of (i) BVF and (ii) BVF2, utilizing funds provided by BVF from its working capital pursuant to the terms of its limited partnership agreement with Partners, in case of (iii) Investments, utilizing funds provided by Investments from its working capital pursuant to terms of its operating agreement, and in the case of (iv) ILL10, utilizing funds provided by ILL10 from its own account.

### ITEM 4. PURPOSE OF TRANSACTION

The Reporting Persons originally acquired and continue to hold their respective interests in the Ordinary Shares for investment purposes in the ordinary course of their business. On April 18, 2005, Oscar S. Schafer and certain of his affiliates (the "Schafer Entities") filed a Schedule 13D with respect to their interests in the Ordinary Shares of Flamel. The Schafer Entities stated in their Schedule 13D that the Schafer Entities believe Flamel is underperforming and the Schafer Entities are considering actions that the Schafer Entities might take which could result in changes to Flamel's board of directors. The Reporting Persons view their investments on an ongoing basis. Such continuing review may result in the Reporting Persons acquiring additional interests in Ordinary Shares, or selling all or a portion of their interests in the Ordinary Shares, in the open market or in privately negotiated transactions with Flamel or third parties or maintaining their holdings at current levels. Consistent with their investment purpose, the Reporting Persons may engage in communications with one or more shareholders of Flamel and/or one or more members of the board of directors, officers or representatives of Flamel regarding its ongoing operations and future prospects. The Reporting Persons intend to engage in discussions with the Schafer Entities with respect to these and other matters. The Reporting Persons may at any time convert the ADSs into the underlying Ordinary Shares in order vote directly on any matter to be presented to the shareholders for a vote. The Reporting Persons' decision to acquire or dispose of interests in the Ordinary Shares, hold interests in the Ordinary Shares or take such other actions will depend on market, economic and other conditions, including an ongoing evaluation of Flamel's financial condition, operations and prospects, the actions of Flamel's management and its board of directors and other future developments, regulatory requirements and the relative attractiveness of alternative business and investment opportunities. Such transactions or actions, if any, would be made at such times and in such manner as the Reporting Persons, in their discretion, deem advisable. The Reporting Persons reserve the right to formulate plans or make proposals, and take such action with respect to their investment in Flamel, including any or all of the items set forth in paragraphs (a) through (j) of Item 4 of Schedule 13D and any other actions, as they may determine, but the Reporting Persons have no present plans, proposals or negotiations that would result in any of the foregoing.

### ITEM 5. INTEREST IN SECURITIES OF THE ISSUER

The Reporting Persons' percentage ownership of the Ordinary Shares is based on 21,446,590 shares being outstanding, as advised by Flamel.

(a) BVF beneficially owns 776,652 Ordinary Shares, BVF2 beneficially owns 847,770 Ordinary Shares, Investments beneficially owns 836,600 Ordinary Shares, ILL10 beneficially owns 130,120 Ordinary Shares and each of Partners and BVF Inc. beneficially owns 2,591,142 Ordinary Shares, representing percentage ownership of approximately 3.62%, 3.95%, 3.90%, 0.61% and 12.08%, respectively.

- (b) Each of BVF, BVF2, Investments and ILL10 shares with Partners voting and dispositive power over the Ordinary Shares each such entity beneficially owns. Partners and BVF Inc. share voting and dispositive power over the 2,591,142 Ordinary Shares they beneficially own with BVF, BVF2 and Investments, and ILL10.
- (c) On or about March 18, 2005, the Reporting Persons exercised an aggregate of 400,000 warrants to purchase an equivalent number of Ordinary Shares (the "Warrants"). BVF exercised 120,000 Warrants, BVF2 exercised 260,000 Warrants and ILL10 exercised 20,000 Warrants. The aggregate exercise price for all of the Warrants was approximately \$3,127,331.

# ITEM 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER

Pursuant to a Securities Purchase Agreement dated February 29, 2000 (the "Securities Purchase Agreement"), upon written request of BVF, BVF2 and ILL10, Flamel has agreed to take all action within its power to cause a person designated by such Reporting Persons to be elected to Flamel's board of directors. BVF, BVF2, and ILL10 also have certain registration rights to request the registration of the Flamel securities they hold pursuant to a Registration Rights Agreement dated April 5, 2000 (the "Registration Rights Agreement"). Both the Securities Purchase Agreement and the Registration Rights Agreement are filed as exhibits to this Schedule 13D and are hereby incorporated by reference in their entirety.

Partners is the general partner of each of BVF and BVF2 pursuant to limited partnership agreements which authorize Partners, among other things, to invest the funds of BVF and BVF2 in the Ordinary Shares and to vote, exercise or convert and dispose of such shares. Pursuant to such limited partnership agreements, Partners is entitled to receive fees based on assets under management and allocations based on realized and unrealized gains on such assets. 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 the Ordinary Shares and to vote, exercise or convert and dispose of such shares and is entitled to receive fees based on assets under management and allocations based on realized and unrealized gains on such assets. Pursuant to an investment management agreement with ILL10, Partners and BVF Inc. have authority, among other things, to invest funds of ILL10 in the Ordinary Shares and to vote, exercise or convert and dispose of such shares. Pursuant to such investment management agreement, Partners and BVF Inc. receive fees based on assets under management and realized gains thereon. BVF Inc. is the general partner of Partners and may be deemed to own beneficially securities over which Partners exercises voting and dispositive power.

### ITEM 7. MATERIAL TO BE FILED AS EXHIBITS

Exhibit 1 – Agreement Regarding Joint Filing

Exhibit 2 – Securities Purchase Agreement

Exhibit 3 – Registration Rights Agreement

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# 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: April 20, 2005

### 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.**

By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

INVESTMENT 10, L.L.C.

BVF Partners L.P., its attorney-in-fact By:

BVF Inc., its general partner

/s/ Mark N. Lampert

Mark N. Lampert

President

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### **BVF PARTNERS L.P.**

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert President

### AGREEMENT REGARDING JOINT FILING

The undersigned, Biotechnology Value Fund, L.P., a Delaware limited partnership, Biotechnology Value Fund II, L.P., a Delaware limited partnership, BVF Investments, L.L.C., a Delaware limited liability company, Investment 10, L.L.C., an Illinois limited liability company, BVF Partners L.P., a Delaware limited partnership, and BVF Inc., a Delaware corporation, hereby agree and acknowledge that the information required by Schedule 13D, to which this Agreement is attached as an exhibit, is filed on behalf of each of them. The undersigned further agree that any amendments or supplements thereto shall also be filed on behalf of each of them.

Dated: April 20, 2005

### 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.**

By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

### **INVESTMENT 10, L.L.C.**

By: BVF Partners L.P., its attorney-in-fact

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

### **BVF PARTNERS L.P.**

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

### BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert President

### SECURITIES PURCHASE AGREEMENT

### **ORDINARY SHARES**

AND

### WARRANTS TO PURCHASE

### **ORDINARY SHARES**

OF

### FLAMEL TECHNOLOGIES S.A.

### DATED AS OF FEBRUARY 29, 2000

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### SECURITIES PURCHASE AGREEMENT

THIS SECURITIES PURCHASE AGREEMENT (this "Agreement"), is made as of this 29th day of February, 2000, by and among FLAMEL TECHNOLOGIES S.A., a French societe anonyme (the "Company"), BIOTECHNOLOGY VALUE FUND, L.P., a Delaware limited partnership, BIOTECHNOLOGY VALUE FUND II, L.P., a Delaware limited partnership, INVESTMENT 10 L.L.C., an Illinois limited liability company (collectively, the "BVF Investors"), and ALTA BIOPHARMA PARTNERS, a Delaware limited partnership, Alta Embarcadero Biopharma, LLC, a California limited liability company, and Flamel Chase Partners (AltaBio), LLC, a Delaware limited liability company (collectively "Alta"); Chase EUROPEAN EQUITY ASSOCIATES, LLC, a Delaware limited liability company ("Chase" and, together with the BVF Investors, and Alta, the "Investors").

### WITNESSETH:

WHEREAS, the Investors desire to invest 83,717,750 French francs in the Company in exchange for the Company's Ordinary Shares (the "Common Stock"), Class A bons de souscription to purchase the Company's Common Stock (each, a "Class A Warrant" and collectively, the "Class A Warrants"), Class B bons de souscription to purchase the Company's Common Stock (each, a "Class B Warrant" and collectively, the "Class B Warrants") and Class C bons de souscription to purchase the Company's Common Stock (each, a "Class C Warrant" and collectively, the "Class C Warrants" and, together with the Class A Warrants and the Class B Warrants, the "Warrants") entitling the holders to purchase shares of the Common Stock (the "Warrant Shares"); and

WHEREAS, the Company and the Investors desire to set forth certain matters to which they have agreed relating to the Warrants and the Common Stock.

NOW THEREFORE, in consideration of the premises and the mutual covenants contained in this Agreement, the parties agree as follows:

### Article I.

### ISSUANCE AND TERMS OF WARRANTS AND COMMON STOCK

### 1.1. Authorization of Securities.

Subject to the terms and conditions of this Agreement, the Company has authorized, or prior to the Closing (as hereinafter defined) will have authorized, the issuance of the Common Stock and the Warrants pursuant to this Agreement.

### 1.2. Purchase and Sale of Warrants and Common Stock.

Subject to the terms and conditions of this Agreement and in reliance upon the representations and warranties of the Company contained herein, the Investors severally agree to purchase from the Company and the Company agrees to sell to each of the Investors on the

Closing Date (as hereinafter defined) for an aggregate purchase price of 83,717,750 French francs (i) the number of shares of Common Stock set forth opposite each Investor's name on Exhibit A hereto, aggregating 3,212,500 shares of Common Stock; (ii) the number of Class A Warrants set forth opposite each Investor's name on Exhibit A hereto; (iii) the number of Class B Warrants set forth opposite each Investor's name on Exhibit A hereto, and (iv) the number of Class C Warrants set forth opposite each Investor's name on Exhibit A hereto.

### 1.3. Payment.

Each of the Investors agrees to make payment of the amount set forth opposite its name on Exhibit A hereto in exchange for the number of shares of Common Stock and the number of Warrants, in each case, set forth opposite its name in such Exhibit A and delivered at the Closing (as hereinafter defined), by certified check or wire transfer on the Closing Date to an account specified by the Company.

### ARTICLE II.

### CLOSING

### 2.1. Closing.

Subject to the satisfaction of the conditions set forth in Articles V and VI hereof, the closing (the "Closing") shall take place at a place and time (the "Closing Date") mutually agreed by the Company and the Investors, but in any event no later than March 31, 2000. At the Closing, (a) the Company shall deliver to the Investors one or more stock certificates registered in their names for an aggregate of 3,212,500 shares of Common Stock, and (b) the Company shall deliver to the Investors one or more Warrants registered in their names to purchase the number of shares indicated therein, in each case against payment to the Company of the purchase price therefor pursuant to Section 1.3.

### 2.2. Legend.

The certificates representing the Warrants and the Common Stock shall be subject to a legend restricting transfer under the Securities Act of 1933, as amended (the "Securities Act"), such legend to be substantially as follows:

"THE SECURITIES EVIDENCED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933. THESE SECURITIES MAY NOT BE SOLD OR OTHERWISE TRANSFERRED BY ANY PERSON UNLESS (1) EITHER (A) A REGISTRATION STATEMENT WITH RESPECT TO SUCH SECURITIES SHALL BE EFFECTIVE UNDER THE SECURITIES ACT OF 1933 ("ACT"), OR (B) THE COMPANY SHALL HAVE REASONABLY REQUESTED AND RECEIVED AN OPINION OF COUNSEL SATISFACTORY TO IT THAT AN EXEMPTION FROM REGISTRATION UNDER SUCH ACT IS THEN AVAILABLE, AND

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### (2) THERE SHALL HAVE BEEN COMPLIANCE WITH ALL APPLICABLE STATE SECURITIES LAWS."

### ARTICLE III.

### REPRESENTATIONS AND WARRANTIES OF THE COMPANY

The Company hereby represents and warrants to the Investors that, as of the date of this Agreement, the following are true and correct:

### 3.1. Organization and Standing of the Company.

The Company is a corporation duly organized, validly existing and in good standing under the laws of the Republic of France. The Company has full corporate power and authority to enter into, deliver, and perform its obligations and undertakings under this Agreement. The Company is duly authorized to conduct its business and is in good standing under the laws of each jurisdiction where such qualification is required, except where the lack of such qualification would not have a material adverse effect on the business, financial condition, operations, results of operations, or future prospects of the Company. The Company has full corporate power and authority to carry on the business in which it is engaged and to own and use the properties owned and as used by it.

### 3.2. Capitalization.

As of the date hereof, the Company's entire authorized capital stock consists of: (i) 12,939,215 Ordinary Shares, nominal value 0.80 French Franc per Ordinary Share, of which 12,939,215 shares are validly issued and outstanding on the date hereof. On or before the Closing, the Company's shareholders will have authorized a capital increase to permit the issuance of the Common Stock, the Warrants and the Warrant Shares. Subsequent to the Closing, the Company shall complete publication requirements and file the resolutions of the Board of Directors and the Company's shareholders so that the Company's statuts are amended to reflect such capital increase. The issuance of all presently issued and outstanding shares was duly authorized and all such shares are fully paid and non-assessable. All such issued and outstanding shares have the preferences, voting powers, qualifications and special or relative rights or privileges set forth in the Company's statuts, as in effect on the date hereof. Other than as indicated in the SEC Reports (as hereinafter defined), the Company does not have outstanding any option, warrant, purchase right, subscription right, stock appreciation right, phantom stock right, profit participation right, agreement or other commitment to issue or to acquire any shares of its capital stock, or any securities or obligations convertible into or exchangeable for its capital stock, and the Company has not given any person any right to acquire from the Company or sell to the Company any shares of its capital stock. There are no voting trusts, proxies, or other agreements or understandings with respect to the voting of the capital stock of the Company.

Subject to shareholder approval, the execution and delivery by the Company of this Agreement and the performance by the Company of its obligations under this Agreement, and the issuance, sale and delivery of the Common Stock, the Warrants and the Warrant Shares, have been duly authorized and approved by all necessary corporate action. This Agreement has been duly executed and delivered by the Company and constitutes a valid and binding obligation of the Company, enforceable in accordance with its terms subject to, as to enforceability, to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting creditors' rights and to general principles of equity. The execution and delivery by the Company of this Agreement and the performance by the Company of its obligations under this Agreement and the issuance, sale and delivery of the Common Stock, the Warrants and the Warrant Shares will not (i) conflict with, or result in any breach of any of the terms of, or constitute a default under, the statuts when the same will have been amended to authorize the Common Stock, (ii) conflict with, result in a breach of or violation or imposition of any lien, charge or encumbrance upon any property or assets of the Company or any of its subsidiaries pursuant to, constitute a default under, result in the acceleration of, create in any party the right to accelerate, terminate, modify, or cancel, or require any notice under, any agreement, instrument, covenant or other restriction or arrangement to which the Company is a party or by which it or any of its properties or assets is bound or any statute law, rule, regulation, judgment, order or decree applicable to the Company or any of its subsidiaries of any court, regulatory body, administrative agency, governmental body, arbitrator or other authority having jurisdiction over the Company or any of its subsidiaries or any of its or their properties.

### 3.4. Governmental Consent, Etc.

Except for (i) the filing of the amendment to the Company's statuts referenced in Section 7.5, (ii) the shareholder approval referenced in Sections 5.1(e) and 6.1(e), and (iii) filings, consents, permits, approvals and authorizations which will be obtained by the Company prior to the Closing and which are set forth on SCHEDULE 3.4, no consent, approval, authorization or other order of, action by, filing with, or notification to any governmental authority is required under existing law or regulation in connection with the execution, delivery and performance of the Agreement or the offer, issuance, sale or delivery of the Common Stock, the Warrants and the Warrant Shares pursuant to Section 1.3 pursuant to the Agreement or the consummation of any other transactions contemplated thereby.

### 3.5. Valid Issuance of Securities.

When issued and delivered against payment therefor in accordance with the terms and conditions of this Agreement, the Common Stock, the Warrants and the Warrant Shares, shall be (i) duly authorized and validly issued, fully paid and non-assessable and (ii) not subject to any preemptive rights, liens, claims or encumbrances, or other restrictions on transfer or other agreements or understandings with respect to the voting of the Common Stock or the Warrant Shares, except as set forth in this Agreement.

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### 3.6. Financial Statements.

The audited financial statements of the Company contained in the Company's Annual Report on Form 20-F for the year ended December 31, 1998, including the notes relating thereto, and the unaudited financial statements of the Company contained in the Company's Quarterly Reports on Form 6-K for the quarters ended March 31, 1999, June 30, 1999 and September 30, 1999, including the notes thereto, disclose all material liabilities of the Company as of such dates. Such financial statements, including the notes relating thereto, have been prepared in accordance with U.S. generally accepted accounting principles consistently applied throughout the periods involved. Said financial statements and related notes fairly present the financial position and the results of operations and cash flow of Company as of the respective dates thereof and for the periods indicated.

### 3.7. Accuracy and Completeness of Information.

American Depositary Shares representing the Common Stock are registered pursuant to Section 12(g) of the Exchange Act (as hereinafter defined). Copies of all reports filed by the Company with the United States Securities and Exchange Commission (the "Commission") pursuant to the Securities Exchange Act of 1934, as amended (the "Exchange Act") during the period from January 1, 1999 to the date of this Agreement (the "Furnished SEC Reports") have been made available to the Investors. Since June 12, 1996, the Company has filed each statement, annual, quarterly, and other report, and registration statement required to be filed by the Company with the Commission (the "SEC Reports"). No SEC Report at the time filed contained any untrue statement of a material fact, or omitted to state any such material fact necessary in order to make the statements contained therein, in light of the circumstances under which they were made, not misleading, and the SEC Reports, collectively, subject in each case to statements which have been corrected, supplemented or remedied by subsequent filings with the Commission or by information contained in the disclosure schedules referenced in this Agreement do not contain any untrue statement of a material fact, or omit to state any such material fact necessary in order to make the statements contained therein, in light of the circumstances under which they were made, not misleading. Except as disclosed in the SEC Reports and as set forth on SCHEDULE 3.7 as of each date this representation and warranty is made or deemed made, there is no fact relating to the Company or any of its subsidiaries or their respective businesses (other than facts relating to the economy in general) known to the Company or any of its subsidiaries which has, or could reasonably be expected to have, a Material Adverse Effect.

For purposes of this Agreement, each of "Material Adverse Change" and "Material Adverse Effect" means any material adverse change, or any development that could reasonably be expected to result in a material adverse change, in the condition, financial or otherwise, or in the earnings, business, operations or prospects, whether or not arising from transactions in the ordinary course of business, of the Company and its subsidiaries, taken as a whole.

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### 3.8. Adverse Changes.

Since September 30, 1999 and except as set forth on SCHEDULE 3.8, there has not been any Material Adverse Change.

### 3.9. No Violation.

Neither the execution and delivery by the Company of this Agreement, nor the consummation of the transactions contemplated hereby will violate any constitution, statute, rule, injunction, judgment, order, decree, ruling, charge or other restriction of any government, governmental agency, or court known

to the Company to which the Company is subject, or, after obtaining shareholder approval and amending the statuts to authorize the Common Stock and the Warrants, any provision of its statuts.

### 3.10. All Necessary Permits, Etc.

The Company and each subsidiary possesses such valid and current certificates, authorizations or permits issued by the appropriate state, federal, foreign, EU or French provincial, municipal or local regulatory agencies or bodies as are necessary to conduct their respective businesses except where the lack of such certificate, authorization or permit individually or in the aggregate would not have a Material Adverse Effect on the Company, and neither the Company nor any subsidiary has received any notice of proceedings relating to the revocation or modification of, or non-compliance with, any such certificate authorization or permit which, singly or in the aggregate, if the subject of an unfavorable decision, ruling or finding, would result in a Material Adverse Change.

### 3.11. Title to Properties.

The Company and each of its subsidiaries has good and marketable title to all the properties and assets reflected as owned by it in the financial statements referred to in Section 3.6 in each case free and clear of any security interests, mortgages, liens, encumbrances, equities, claims and other defects, except such as do not materially and adversely affect the value of such property and do not materially interfere with the use made or proposed to be made of such property by the Company or such subsidiary. The real property, improvements, equipment and personal property held under lease by the Company or any subsidiary are held under valid and enforceable leases, with such exceptions as are not material and do not materially interfere with the use made or proposed to be made of such real property, improvements, equipment or personal property by the Company or such subsidiary.

### 3.12. Securities Laws.

All notices, filings, registrations or qualifications under any applicable securities laws, including state securities or "blue sky" laws or French laws which are required in connection with the offer, issue and delivery of the Common Stock, the Warrants and the Common Stock into which such Warrants are convertible pursuant to this Agreement have been or will be timely completed by the Company.

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### 3.13. Relationship to the Regulated Holder.

Except as previously disclosed, neither the Company nor its subsidiary (i) offers or markets, directly or through any arrangement, any product or service of The Chase Manhattan Corporation or (ii) permits any of its products or services, to the extent within its knowledge and control, to be offered or marketed, directly or through any arrangement, by or through The Chase Manhattan Corporation. Except as previously disclosed, neither the Company nor its subsidiary currently has or expects to have any extension of credit from any depository institution owned by The Chase Manhattan Corporation.

### 3.14. U.S. Activities.

The Company hereby represents and warrants that it does not presently engage in business in the United States within the meaning of Section 211.2(g) of Regulation K of the Board of Governors of the Federal Reserve System nor does it presently have nay intention to do so.

### ARTICLE IV.

### REPRESENTATIONS AND WARRANTIES OF THE INVESTORS

Each of the Investors hereby acknowledges, represents, warrants and agrees as follows:

### 4.1. Authority of Investors, Validity of this Agreement.

Each of the Investors has all requisite power and authority to enter into this Agreement and perform its obligations hereunder. The execution, delivery and performance by each of the Investors of this Agreement, and the purchase of the Warrants and the Common Stock pursuant hereto have been duly authorized and approved by all necessary corporate action. This Agreement has been duly executed and delivered and constitutes a valid and binding obligation of each of the Investors, enforceable in accordance with its terms. The execution, delivery and performance of this Agreement and the purchase of the Warrants and the Common Stock will not conflict with, or result in a material breach of any of the terms of, or constitute a material default under, any charter, by-law, agreement, instrument, covenant or other restriction to which any of the Investors is a party or by which it or any of its properties or assets is bound.

### 4.2. Investment Representations.

Each of the Investors hereby acknowledges, represents, warrants and agrees as follows:

(a) Each of the Investors has had the opportunity to review the Furnished SEC Reports and the financial statements contained therein. Each of the Investors acknowledges that the Company has made available to the Investors documents and information that it has requested relating to the Company and has provided answers to the Investors' questions concerning the Company, the Common Stock and the Warrants.

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- (b) Each of the Investors is an "accredited investor" as defined in Rule 501(a)(3) of the Securities Act.
- (c) Each of the Investors understands that the offering of the Warrants and the Common Stock has not been registered under the Securities Act or the securities laws of any state or other jurisdiction and that such Warrants and the Common Stock must be held indefinitely unless an exemption from registration is available. Each of the Investors understands that the offering and sale of the Warrants and the Common Stock is intended to be exempt from

registration under the Securities Act. Each of the Investors covenants that it will not transfer the Warrants or the Common Stock in violation of the provisions of any applicable Federal or state securities statute.

(d) Subject to the Investors' registration rights relating to the Common Stock (including the Common Stock underlying the Warrants) pursuant to the terms of the Registration Agreement referred to in Section 5.1(j) hereof, each of the Investors is acquiring the Warrants and the Common Stock for investment, and not with a view to the resale or distribution thereof; it has no present intention of selling, negotiating, or otherwise disposing of the Warrants and the Common Stock. Each of the Investors' financial condition and investments are such that it is in a financial position to hold the Warrants and the Common Stock for an indefinite period of time and to bear the economic risk of, and withstand a complete loss of, such Warrants and the Common Stock. In addition, by virtue of its expertise, the advice available to it, and its previous investment experience, each of the Investors has sufficient knowledge and experience in financial and business matters, investments, securities, and private placements and the capability to evaluate the merits and risks of the transactions contemplated by this Agreement.

### ARTICLE V.

### CONDITIONS TO INVESTORS' OBLIGATIONS

### 5.1. Conditions to Closing.

The obligation of the Investors to purchase and pay for the Warrants and the Common Stock, on the Closing Date is subject to the following:

- (a) Representations and Warranties. The representations and warranties of the Company made herein shall be true, correct and complete on and as of the Closing Date with the same force and effect as if they had been made on and as of the Closing Date.
- (b) Performance. All covenants, agreements and conditions contained in this Agreement to be performed or complied with by the Company on or prior to the Closing Date shall have been performed or complied with.
- (c) Opinion of Company's Counsel. The Investors shall have received (i) an opinion of Willkie Farr & Gallagher, special counsel to the Company, in form and substance reasonably satisfactory to the Investors, dated the Closing Date, as to the matters set forth on SCHEDULE 5.1(C) and (ii) an opinion of Sokolow, Dunaud, Mercadier & Carreras, French counsel to the

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Company, in form and substance reasonably satisfactory to the Investors, dated the Closing Date, as to the matters set forth on SCHEDULE 5.1(C).

- (d) Corporate Proceedings, Consents, etc. All corporate and other proceedings to be taken and all waivers and consents to be obtained in connection with the transactions contemplated by this Agreement shall have been taken or obtained and all documents incident thereto shall be reasonably satisfactory in form and substance to the Investors and their counsel, each of whom shall have received all such originals or certified or other copies of such documents as each may reasonably request.
- (e) Shareholder Approval. The Company shall have obtained any required approval of its shareholders representing at least two-thirds of the votes cast by the then outstanding shares of Common Stock to the authorization of the Common Stock and the Warrants.
- (f) No Proceeding. No action, suit, investigation or proceeding shall be pending or threatened before any court or governmental agency to restrain, prohibit, collect damages as a result of or otherwise challenge this Agreement or any transaction contemplated hereby or thereby.
- (g) No Law Prohibiting or Restricting Such Sale. There shall not be in effect any law, rule or regulation prohibiting or restricting such sale, or requiring any consent or approval of any person which shall not have been obtained to issue the Common Stock, the Warrants, or the Common Stock into which the Warrants are convertible.
- (h) Officer's Certificate Delivered by Company. The Company shall have delivered to the Investors a certificate, dated the Closing Date and signed by the Chief Executive Officer or the President of the Company, to the effect that each of the conditions to be satisfied by the Company pursuant to this Section 5.1 on or before the Closing Date has been duly satisfied.
- (i) Registration Rights Agreement. The Company and the Investors shall have executed and delivered a Registration Rights Agreement in form and substance as set forth on Exhibit C hereto.
- (j) Warrants. The Company shall have executed and delivered a document evidencing the Class A Warrants in form and substance as set forth on Exhibit B-1 hereto, the Class B Warrants in form and substance as set forth on Exhibit B-3 hereto.
  - (k) No Material Adverse Change. There shall have been no Material Adverse Change in the Company since the date of signing of this Agreement.
- (l) Legal Matters. All material matters of a legal nature which pertain to this Agreement and the transactions contemplated hereby shall have been reasonably approved by counsel to the Investors.

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Notwithstanding the foregoing, no Investor shall be required to purchase and pay for Warrants and the Common Stock if another Major Investor defaults in its obligation to purchase and pay for the Warrants and Common Stock set forth opposite its name on Exhibit A hereto. For purpose of the foregoing sentence, the BVF Investors and Alta shall be deemed to be "Major Investors." Nothing contained herein shall relieve such other defaulting Major Investor of any liability it may have for damages caused by its default in its obligation to purchase and pay for Warrants and Common Stock.

### ARTICLE VI.

### CONDITIONS TO THE COMPANY'S OBLIGATIONS

### 6.1. Conditions to Closing.

The obligation of the Company to issue the Warrants and the Common Stock, respectively, to the Investors on the Closing Date is subject to the following:

- (a) Representations and Warranties. The representations and warranties of the Investors made herein shall be true, correct and complete in all respects on and as of the Closing Date with the same force and effect as if they had been made on and as of the Closing Date.
- (b) Payment. The Investors shall have tendered the payments for the purchase price of the Common Stock and the Warrants as set forth in Section 1.3 to an account specified by the Company.
- (c) No Proceeding. No action, suit, investigation or proceeding shall be pending or threatened before any court or governmental agency to restrain, prohibit, collect damages as a result of or otherwise challenge this Agreement or any transaction contemplated hereby or thereby.
- (d) No Law Prohibiting or Restricting Such Sale. There shall not be in effect any law, rule or regulation prohibiting or restricting such sale, or requiring any consent or approval of any person which shall not have been obtained to issue the Warrants and the Common Stock.
- (e) Shareholder Approval. The Company shall have obtained any required approval of its shareholders representing at least two-thirds of the votes cast by the then outstanding shares of Common Stock to the authorization of the Common Stock and the Warrants.
- (f) Investors' Certificates Delivered by the Investors. Each of the Investors shall have delivered to the Company a certificate, dated the Closing Date and signed by a duly authorized representative of the Investor, to the effect that each of the conditions pursuant to Section 6.1(a) and (b) on or before the Closing Date has been duly satisfied.

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### ARTICLE VII.

### COVENANTS OF THE COMPANY

The Company hereby covenants to such Investors as follows:

### 7.1. Furnishing of Information.

The Company covenants to timely file (or obtain extensions in respect thereof) all reports required to be filed by the Company after the date hereof pursuant to Section 13(a) or 15(d) of the Exchange Act and under French law and to promptly furnish the Investors with true and complete copies of all such filings. If the Company is not at the time required to file reports pursuant to such sections or under French law, it will prepare and furnish to the Investors annual and quarterly reports comparable to those required by Section 13(a) or 15(d) of the Exchange Act in the time period that such filings would have been required to have been made under the Exchange Act.

### 7.2. Information with Respect to the Securities.

The Company covenants to provide such information as is reasonably requested by any of the Investors related to the terms of the Common Stock, Warrants or Warrant Shares.

### 7.3. Shareholder Approval.

The Company shall use best efforts to convene the shareholders meeting to seek the approval described in Section 5.1(e) hereof prior to the Closing Date. Subject to the fiduciary duties of the Company's Board of Directors, the Company shall include in the materials prepared for the shareholders meeting the recommendation of the Company's Board of Directors to vote in favor of the transactions contemplated herein.

### 7.4. Investor's Rights.

Notwithstanding anything to the contrary in the foregoing, the Investors shall be entitled to such information, privileges, rights and benefits accorded to them as holders of the Common Stock under applicable law and under the Company's statuts, as amended.

### 7.5. Filing for Amendment to Statuts.

Within six weeks of the Closing Date, the Company shall cause all required documents to be filed with Registre du Commerce to cause the amendment to the Company's statuts.

### 7.6. Election of Director.

Upon the written request of the BVF Investors, the Company shall take all action within its power to cause a person designated by the BVF Investors to be elected to the Board of Directors of the Company as soon as practicable.

### 7.7. Regulatory Matters Generally.

Upon request the Company's possession as is necessary to resolve the Regulatory Problem, provided that if such information is proprietary or confidential satisfactory arrangements are made for the protection of such information. The "Regulated Holder" is Chase and any other Investor affiliated with Chase. A "Regulatory Problem" is a set of circumstances in which the Regulated Holder's ownership of its shares of Common Stock or Warrants (i) gives rise to a violation of a banking law or regulation of a federal banking agency or gives rise to a reasonable belief by the Regulated Holder that such a violation is likely to occur or (ii) gives rise to a limitation in law that will impair materially the ability of the Regulated Holder or any Affiliate to conduct its business or gives rise to a reasonable belief by the Regulated Holder that such a limitation is likely to arise. "Affiliate" has the meaning given in Regulation Y of the Board of Governors of the Federal Reserve System.

### 7.8. Notification.

The Company shall notify the Regulated Holder promptly at any time that the Company comes to believe that any representation contained in Section 3.13 or Section 3.14 no longer is true.

### ARTICLE VIII.

### SURVIVAL AND INDEMNIFICATION

### 8.1. Survival.

Notwithstanding any examination made by or on behalf of any party hereto, the knowledge of any party or the acceptance by any party of any certificate or opinion, each representation, warranty contained herein shall survive the Closing for a period of two years, and each covenant shall survive for the period indicated therein.

### 8.2. Indemnification.

- (a) The Company agrees to indemnify and hold harmless each Investor, its shareholders, officers, directors, employees, agents and representatives against any damage, claim, loss, liability and expense (including reasonable counsel fees and expenses) which may be suffered or incurred by any of them as a result of a breach of any representation or warranty or covenant (including, without limitation, pursuant to Section 9.16) made by the Company in this Agreement.
- (b) The Investors, jointly and severally, agree to indemnify the Company and its shareholders, officers, directors, employees, agents and representatives against any damages, claims, losses, liabilities and expenses (including reasonable counsel fees and other expenses) which may be suffered or incurred by it as a result of any breach of any representation, warranty, or covenant made by the Investors in this Agreement.

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(c) In case any proceeding (including any governmental investigation) shall be instituted involving any person in respect of which indemnity may be sought pursuant to this Section, such person (the "indemnified party") shall promptly notify the person against whom such indemnity may be sought (the "indemnifying party") in writing of the occurrence of the facts and circumstances giving rise to such claim. The failure of any person to deliver the notice required by this Section 8.2(c) shall not in any way affect the indemnifying party's indemnification obligation hereunder except and only to the extent that the indemnifying party is actually prejudiced thereby. In case any such proceeding shall be brought against any indemnified party and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate therein and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with coursel satisfactory to such indemnified party and shall pay as incurred the fees and expenses of such counsel related to such proceeding. In any such proceeding, any indemnified party shall have the right to retain its own counsel or pay its own expenses. Notwithstanding the foregoing, the indemnifying party shall pay as incurred the fees and expenses of the counsel retained by the indemnified party in the event (i) the indemnifying party and the indemnified party shall have mutually agreed to the retention of such counsel or (ii) the named parties to any such proceedings (including any impleaded parties) include both the indemnifying party and the indemnified party and representation of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. The indemnifying party shall not be liable for any settlement of any proceeding effected without its written consent but if settled with such consent or if there be a final judgment for the plaintiff, the indemnifying party agrees to indemnify the indemnified party from and against any loss or liability by reason of such settlement or judgment and the indemnifying party shall obtain a full release of the indemnified party.

### ARTICLE IX.

### **MISCELLANEOUS**

### 9.1. Notices.

All notices, requests, consents and other communications hereunder shall be in writing, shall be addressed to the receiving party's address set forth below or to such other address as a party may designate by notice hereunder, and shall be either (i) delivered by hand, (ii) made by telecopy or facsimile transmission, (iii) sent by overnight courier, or (iv) sent by registered mail, return receipt requested, postage prepaid.

If to the

c/o BVF Partners, L.P. **BVF Investors:** 

> One Sansome Street, 39th Floor San Francisco, CA 94104 Attn.: Mr. Mark Lampert

Fax: (415) 288-2394

With a copy to: Sidley & Austin

875 Third Avenue New York, NY 10022 Attn.: Paul K. Risko, Esq. Fax: (212) 906-2021

If to Alta:

One Embarcadero Center

**Suite 4050** 

San Francisco, CA 94111 Attn.: Mr. Dan Janney Fax: (415) 362-6178

If to Chase:

380 Madison Avenue, 12th Floor New York, NY 10017-2951 Attn.: Mr. Damion Wicker Fax: (212) 622-3771

If to the Company:

Flamel Technologies S.A.

33 Avenue du Docteur Georges Levy 69693 Venissieux Cedex, France Attn.: Gerard Soula, D.Sc. Fax: (33) 4-72-78-34-25

With a copy to:

Willkie Farr & Gallagher 787 Seventh Avenue New York, New York 10019 Attn.: Peter H. Jakes, Esq. Fax: (212) 728-8111

and

Sokolow, Dunaud, Mercadier & Carreras

55 Avenue Kleber 75116 Paris, France

Attn.: Francoise Monod, Esq. Fax: (33) 1-53-65-70-50

All notices, requests, consents and other communications hereunder shall be deemed to have been given either (i) if by hand, at the time of the delivery thereof to the receiving party at the address of such party set forth above, (ii) if made by telecopy or facsimile transmission, one (1) day after the time that receipt thereof has been acknowledged by electronic confirmation or otherwise, (iii) if sent by overnight courier, on the next business day following the day such notice is delivered to the courier service, or (iv) if sent by registered mail, on the 5th business day following the day such mailing is made.

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### 9.2. Entire Agreement.

This Agreement, including exhibits, or other documents referred to herein, and the Confidentiality Agreement, dated November 15, 1999, by and between the Company and BVF, Inc. embody the entire agreement and understanding between the parties hereto with respect to the subject matter hereof and supersede all prior oral or written agreements and understandings relating to the subject matter hereof. No statement, representation, warranty, covenant or agreement of any kind not expressly set forth in this Agreement shall affect, or be used to interpret, change or restrict, the express terms and provisions of this Agreement.

### 9.3. Amendments.

The terms and provisions of the Agreement may be modified, amended or waived, or consent for the departure therefrom granted, only by written consent of the Company and the Investors. No such waiver or consent shall be deemed to be or shall constitute a waiver or consent with respect to any other terms or provisions of this Agreement, whether or not similar. Each such waiver or consent shall be effective only in the specific instance and for the purpose for which it was given, and shall not constitute a continuing waiver or consent.

### 9.4. Assignment.

Neither this Agreement nor any or all of the rights and obligations of a party hereunder shall be assigned, delegated, sold, transferred or otherwise disposed of by operation of law or otherwise, to any third person without the prior written consent of the other party, and any attempted assignment, delegation, sale, transfer, or other disposition, by operation of law or otherwise, of this Agreement or of any rights or obligations hereunder contrary to this Section 9.4 shall be void and without force or effect. Each party shall be responsible for the compliance by its Affiliates with the terms and conditions of this Agreement.

### 9.5. Benefit.

All statements, representations, warranties, covenants and agreements in this Agreement shall be binding on the parties hereto and shall inure to the benefit of the respective successors and permitted assigns of each party hereto. Nothing in this Agreement shall be construed to create any rights or obligations except among the parties hereto, and no person or entity shall be regarded as a third-party beneficiary of this Agreement.

### 9.6. Governing Law.

This Agreement and the rights and obligations of the parties hereunder shall be construed in accordance with and governed by the law of the State of New York.

### 9.7. Severability.

In the event that any court of competent jurisdiction shall determine that any provision, or any portion thereof, contained in this Agreement shall be unreasonable or unenforceable in any

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respect, then such provision shall be deemed limited to the extent that such court deems it reasonable and enforceable, and as so limited shall remain in full force and effect. In the event that such court shall deem any such provision, or portion thereof, wholly unenforceable, the remaining provisions of this Agreement shall be interpreted as if such provision were so excluded and shall nevertheless remain in full force and effect.

### 9.8. Headings and Captions.

The headings and captions of the various subdivisions of this Agreement are for convenience of reference only and shall in no way modify, or affect the meaning or construction of any of the terms or provisions hereof.

### 9.9. No Waiver of Rights, Powers and Remedies.

No failure or delay by a party hereto in exercising any right, power or remedy under this Agreement, and no course of dealing between the parties hereto, shall operate as a waiver of any such right, power or remedy of the party. No single or partial exercise of any right, power or remedy under this Agreement by a party hereto, nor any abandonment or discontinuance of steps to enforce any such right, power or remedy, shall preclude such party from any other or further exercise thereof or the exercise of any other right, power or remedy hereunder. The election of any remedy by a party hereto shall not constitute a waiver of the right of such party to pursue other available remedies. No notice to or demand on a party not expressly required under this Agreement shall entitle the party receiving such notice or demand to any other or further notice or demand in similar or other circumstances or constitute a waiver of the rights of the party giving such notice or demand to any other or further action in any circumstances without such notice or demand.

### 9.10. Expenses.

Except as provided in Section 8.2, each of the parties shall pay its own fees and expenses (including the fees of any attorneys, accountants, appraisers or others engaged by such party) in connection with this Agreement and the transactions contemplated hereby; provided that the Company shall pay such fees and expenses (including attorney's fees) of the BVF Investors up to \$15,000.

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### 9.11. Brokers.

Each of the parties hereto represents and warrants to the other that no broker, finder or financial consultant has acted on its behalf in connection with this Agreement or the transactions contemplated hereby in such a way as to create any liability on the other. Each of the parties hereto agrees to indemnify and save the other harmless from any claim or demand for commission or other compensation by any other broker, finder, financial consultant or similar agent claiming to have been employed by or on behalf of such party and to bear the cost of legal expenses incurred in defending against any such claim.

### 9.12. Confidentiality.

The Investors acknowledge and agree that any information or data they have acquired from the Company, which is clearly designated in writing as confidential and is not otherwise properly in the public domain, was received in confidence. Each of the Investors agrees not to divulge, communicate or disclose, except as may be required by law or upon the advice of its accountants or for the performance of this Agreement, or use to the detriment of the Company or for the benefit of any other persons, or misuse in any way, any confidential information of the Company.

### 9.13. Counterparts.

This Agreement may be executed in one or more counterparts, and by different parties hereto on separate counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

## 9.14. Further Assurances.

In case at any time after the Closing any further action is necessary or desirable to carry out the purposes of this Agreement, the Company and the Investors will take such further action as the other party may reasonably request, all at the sole cost and expense of the requesting party (unless the requesting party is entitled to indemnification therefor under Article VIII).

### 9.15. Consent to Jurisdiction.

To the extent that the Company or the Investors have or may hereafter become entitled to any right of immunity, on the grounds of sovereignty or otherwise, from any legal action, suit or proceeding, from setoff or counterclaim, from the jurisdiction of any court, from service or process, from attachment upon or prior to judgment, from attachment in aid of execution of judgment, or from execution of judgment, or other legal process or proceeding for the giving of any relief or for the enforcement of any judgment, in any jurisdiction in which proceedings may at any time be commenced with respect to the obligations and liabilities of the Company or the Investors under this Agreement, the Company and the Investors hereby irrevocably and unconditionally

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consents and submits to the jurisdiction of the Courts of the State of New York, New York County, and in the United States District Court for the Southern District of New York in personam generally and unconditionally in respect of any such suit or proceeding.

### 9.16. Break-Up Fee.

If (i) (x) the Company's shareholders do not vote to approve the transactions contemplated by this Agreement or (y) if the Company fails to consummate the sale of the Common Stock and the Warrants to the Investors as contemplated by this Agreement by March 31, 2000 and (ii) within eighteen months of the date hereof, the Company enters into agreement for the sale of its equity securities or other securities convertible into or exchangeable for its equity securities (whether by private placement or public offering) or the acquisition of the Company or the merger or consolidation of the Company with another entity (each, an "Alternative Transaction"), then it will be a condition to the consummation of the Alternative Transaction by the Company that (a) each of the Investors shall have been issued that number of warrants in form and substance as set forth on Exhibit B-1 hereto to purchase Common Stock at an exercise price of 39.10 French francs per share of Common Stock as set forth opposite its name under the column "Class A Warrants" on Exhibit A, and (b) such warrants shall have the benefit of, and be included under, any registration rights agreement entered into in connection with such Alternative Transaction. The Company acknowledges that the agreements contained in this Section 9.16 are an integral part of the transactions contemplated hereby, and that without such agreements the Investors would not enter into this Agreement.

### [REMAINDER OF PAGE IS INTENTIONALLY BLANK]

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IN WITNESS WHEREOF, the undersigned have executed this S	Securities Purcha	ase Agreement as	of this 29th day of February, 2000.	
	FLAMEL T	ECHNOLOGIES	S.A.	
	By:			
		Name: Title:	Gerard Soula Chief Executive Officer	
	BIOTECHNOLOGY VALUE FUND, L.P.			
	By: BVF PARTNERS L.P., its General Partner			
		By:	BVF, INC., its General Partner	
			Ву:	
			Mark N. Lampert President	
	BIOTECHNOLOGY VALUE FUND II, L.P.			
	By:	BVF PAR	TNERS L.P., its General Partner	
		By:	BVF, INC., its General Partner	
			Ву:	
			Mark N. Lampert President	
	INVESTME	ENT 10 L.L.C.		
	By:	BVF PAR	TNERS, L.P., its Investment Advisor	
		By:	BVF, INC., its General Partner	
		By:		
			Mark N. Lampert President	
	ALTA BIOP	PHARMA PARTI	NERS LP	
		Ву:		
			Name: Title:	

# By: | Name: Title: | FLAMEL CHASE PARTNERS (ALTA BIO), LLC | By: | Name: Title: | CHASE EUROPEAN EQUITY ASSOCIATES, LLC | By: Chase Capital Partners, its Manager | By: | Name: Title: | Name: Title: |

ALTA EMBARCADERO BIOPHARMA, LLC

### **EXHIBIT A**

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### **INVESTORS:**

NAME	CLASS A WARRANTS	CLASS B WARRANTS	CLASS C WARRANTS	ORDINARY PURCHASE SHARES	PRICE (FrF)
AltaBioPharma Partners, LP	1,165,474	652,666	699,288	699,288	30,372,252.44
Alta Embarcadero BioPharma, LLC	43,929	24,600	26,358	26,358	1,144,789.74
Biotechnology Value Fund, L.P.	375,000	210,000	225,000	225,000	9,772,500.00
Biotechnology Value Fund II, L.P.	812,500	455,000	487,500	487,500	21,173,750.00
Chase European Equity Associates, LLC	87,500	49,000	52,500	52,500	2,280,250.00
Flamel Chase Partners (Alta Bio), LLC	665,597	372,734	399,354	399,354	17,345,457.82
Investment 10 L.L.C.	62,500	35,000	37,500	37,500	1,628,750.00
Total:	3,212,500	1,799,000	1,927,500	1,927,500	FrF 83,717,750.00

### **SCHEDULE 3.7**

- (1) The Company's cash balances have continued to decline over time.
- (2) Barbara Sherrill resigned from her position as Chief Financial Officer of the Company as of December 3, 1999.
- (3) Bruce Morra resigned from his position as President of Flamel Technologies, Inc., the Company's subsidiary, as of January 31, 2000.
- (4) The Company intends to dissolve its only subsidiary, Flamel Technologies, Inc. in the first half of 2000.

### **SCHEDULE 3.8**

- (1) The Company's cash balances have continued to decline over time.
- (2) Barbara Sherrill resigned from her position as Chief Financial Officer as of December 3, 1999.
- (3) Bruce Morra resigned from his position as President of Flamel Technologies, Inc., the Company's subsidiary, as of January 31, 2000.
- (4) The Company intends to dissolve its only subsidiary, Flamel Technologies, Inc. in the first half of 2000.

### REGISTRATION RIGHTS AGREEMENT

REGISTRATION RIGHTS AGREEMENT, dated as of April 5, 2000, by and among Flamel Technologies S.A., a societe anonyme organized under the laws of The Republic of France (the "Company") and BIOTECHNOLOGY VALUE FUND, L.P., a Delaware limited partnership, BIOTECHNOLOGY VALUE FUND II, L.P., a Delaware limited partnership, INVESTMENT 10 L.L.C., an Illinois limited liability company (collectively, the "BVF Investors"), and ALTA BIOPHARMA PARTNERS, a Delaware limited partnership, ALTA EMBARCADERO BIOPHARMA, LLC, a California limited liability company, and FLAMEL CHASE PARTNERS (ALTABIO), LLC, a Delaware limited liability company (collectively, "Alta"); and CHASE EUROPEAN EQUITY ASSOCIATES, LLC, a Delaware limited liability company ("Chase" and, together with the BVF Investors and Alta, the "Investors").

### RECITALS

WHEREAS, the Investors have, pursuant to the terms of the Securities Purchase Agreement, dated as of February 29, 2000, by and among the Company and the Investors (the "Purchase Agreement"), agreed to purchase ordinary shares, nominal value 0.80 French francs per share ("Ordinary Shares") and bons de souscription to purchase additional Ordinary Shares (the "Warrants"); and

WHEREAS, the Company has agreed, as a condition precedent to the Investors' obligations under the Purchase Agreement, to grant the Investors certain registration rights; and

WHEREAS, the Company and the Investors desire to define the registration rights of the Investors on the terms and subject to the conditions herein set forth.

NOW, THEREFORE, in consideration of the foregoing premises and for other good and valuable consideration, the parties hereby agree as follows:

### 1. DEFINITIONS

As used in this Agreement, the following terms have the respective meaning set forth below:

ADSs: shall mean American Depositary Shares representing Ordinary Shares (the current ratio being one American Depositary Share for each deposited Ordinary Share) and represented by American Depositary Receipts of the Company;

Commission: shall mean the Securities and Exchange Commission or any other federal agency at the time administering the Securities Act;

Exchange Act: shall mean the Securities Exchange Act of 1934, as amended;

Holder: shall mean any holder of Registrable Securities;

Initiating Holder: shall mean the BVF Investors, Alta or Chase;

Person: shall mean an individual, partnership, joint-stock company, corporation, trust or unincorporated organization, and a government or agency or political subdivision thereof;

register, registered and registration: shall mean to a registration effected by preparing and filing a registration statement in compliance with the Securities Act (and any post-effective amendments filed or required to be filed) and the declaration or ordering of effectiveness of such registration statement;

Registrable Securities: shall mean ADSs representing (A) the Ordinary Shares issued pursuant to the Purchase Agreement, (B) Ordinary Shares acquired by the Investors pursuant to the exercise of the Warrants and (C) any capital stock of the Company issued as a dividend or other distribution with respect to, or in exchange for or in replacement of, the Ordinary Shares referred to in clause (A) or (B);

Registration Expenses: shall mean all expenses incurred by the Company in compliance with Sections 2(a) and (b) hereof, including, without limitation, all registration and filing fees, printing expenses, fees and disbursements of counsel for the Company, fees and expenses of one counsel for all the Holders in an amount not to exceed \$15,000, blue sky fees and expenses and the expense of any special audits incident to or required by any such registration (but excluding the compensation of regular employees of the Company, which shall be paid in any event by the Company);

Security, Securities: shall have the meaning set forth in Section 2(1) of the Securities Act;

Securities Act: shall mean the Securities Act of 1933, as amended; and

Selling Expenses: shall mean all underwriting discounts and selling commissions applicable to the sale of Registrable Securities and all fees and disbursements of counsel for each of the Holders other than fees and expenses of one counsel for all the Holders in an amount not to exceed \$15,000.

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### 2. REGISTRATION RIGHTS

- (i) Request for Registration. If the Company shall receive from an Initiating Holder who has not previously exercised its right to call for a registration under this Section 2(a)(i) a written request that the Company effect any registration with respect to all or a part of the Registrable Securities, the Company will:
  - (A) promptly give written notice of the proposed registration, qualification or compliance to all other Holders; and
- (B) as soon as practicable, use its diligent best efforts to effect such registration (including, without limitation, the execution of an undertaking to file post-effective amendments, appropriate qualification under applicable blue sky or other state securities laws and appropriate compliance with applicable regulations issued under the Securities Act) as may be so requested and as would permit or facilitate the sale and distribution of all or such portion of such Registrable Securities as are specified in such request, together with all or such portion of the Registrable Securities of any Holder or Holders joining in such request as are specified in a written request received by the Company within ten (10) business days after written notice from the Company is given under Section 2(a)(i)(A) above; provided that the Company shall not be obligated to effect, or take any action to effect, any such registration pursuant to this Section 2(a):
- (x) In any particular jurisdiction in which the Company would be required to execute a consent (other than a limited consent) to service of process in effecting such registration, qualification or compliance, unless the Company is already subject to service in such jurisdiction and except as may be required by the Securities Act or applicable rules or regulations thereunder;
- (y) After the Company has effected one (1) such registration requested by each of the BVF Investors, Alta and Chase (for a total of three (3) registrations) pursuant to this Section 2(a) and such registrations have been declared or ordered effective and the sales of such Registrable Securities shall have closed; or
- (z) If the Company is in possession of material non-public information and the Board of Directors of the Company determines in good faith that disclosure of such information would not be in the best interests of the Company and its shareholders, in which case the filing of such registration statement may be delayed until the earlier of the second business day after such conditions shall have ceased to exist and the 120th day after receipt by the Company of the written request from the Initiating Holders under

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this Section 2(a); provided, however, that the Initiating Holders shall be advised of any delay arising from the operation of this clause (z) and may, without prejudice to their other rights, withdraw their request for the registration of Registrable Securities in which case the contemplated registration shall not count for the purposes of clause (y) above.

The registration statement filed pursuant to the request of the Initiating Holders may, subject to the provisions of Section 2(a)(ii) below, include other securities of the Company which are held by Persons who, by virtue of agreements with the Company, are entitled to include their securities in any such registration ("Other Stockholders").

The registration rights set forth in this Section 2 may be assigned, in whole or in part, to any transferee of Registrable Securities (who shall be bound by all obligations of this Agreement).

(ii) Underwriting. If the Initiating Holders intend to distribute the Registrable Securities covered by their request by means of an underwriting, they shall so advise the Company as a part of their request made pursuant to Section 2(a).

If Other Stockholders request to be included in such underwritten offering, the Holders shall offer to include the securities of such Other Stockholders in the underwriting and may condition such offer on the acceptance by such Other Stockholders of the further applicable provisions of this Section 2. The Holders whose shares are to be included in such registration and the Company shall (together with all Other Stockholders proposing to distribute their securities through such underwriting) enter into an underwriting agreement in customary form with the representative of the underwriter or underwriters selected for such underwriting by the Initiating Holders and reasonably acceptable to the Company. Notwithstanding any other provision of this Section 2(a), if the representative advises the Holders in writing that marketing factors require a limitation on the number of shares to be underwritten, the securities of the Company held by officers, directors and Other Stockholders shall be excluded from such registration to the extent so required by such limitation. If, after the exclusion of such shares, further reductions are still required, the number of shares included in the registration by each Holder shall be reduced on a pro rata basis (based on the number of shares held by such Holder), by such minimum number of shares as is necessary to comply with such request. No Registrable Securities or any other securities excluded from the underwriting by reason of the underwriter's marketing limitation shall be included in such registration. If any Other Stockholder who has requested inclusion in such registration as provided above disapproves of the terms of the underwriting, such person may elect to withdraw therefrom by written notice to the Company, the underwriter and the Initiating Holders. The securities so withdrawn shall also be withdrawn from registration. If the underwriter has not limited the number of Registrable Securities or other securities to be underwritten, the Company and officers and directors of

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agrees and if the number of Registrable Securities and other securities which would otherwise have been included in such registration and underwriting will not thereby be limited.

- (b) Company Registration.
- (i) If the Company shall determine to register any of its equity securities either for its own account or for the account of Other Stockholders, other than a registration relating solely to employee benefit plans, or a registration relating solely to a Commission Rule 145 transaction, or a registration on any registration form which does not permit secondary sales or does not include substantially the same information as would be required to be included in a registration statement covering the sale of Registrable Securities, the Company will:

- (A) promptly give to each of the Holders a written notice thereof (which shall include a list of the jurisdictions in which the Company intends to attempt to qualify such securities under the applicable blue sky or other state securities laws); and
- (B) include in such registration (and any related qualification under blue sky laws or other compliance), and in any underwriting involved therein, all the Registrable Securities specified in a written request or requests, made by any Holder within fifteen (15) days after receipt of the written notice from the Company described in clause (i) above, except as set forth in Section 2(b)(ii) below. Such written request may specify all or a part of the Holders' Registrable Securities.
- (ii) Underwriting. If the registration of which the Company gives notice is for a registered public offering involving an underwriting, the Company shall so advise each of the Holders as a part of the written notice given pursuant to Section 2(b)(i)(A). In such event, the right of each of the Holders to registration pursuant to this Section 2(b) shall be conditioned upon such Holders' participation in such underwriting and the inclusion of such Holders' Registrable Securities in the underwriting to the extent provided herein. The Holders whose shares are to be included in such registration shall (together with the Company and the Other Stockholders distributing their securities through such underwriting) enter into an underwriting agreement in customary form with the representative of the underwriter or underwriters selected for underwriting by the Company. Notwithstanding any other provision of this Section 2(b), if the representative determines that marketing factors require a limitation on the number of shares to be underwritten, the representative may (subject to the allocation priority set forth below) limit the number of Registrable Securities to be included in the registration and underwriting to not less than twenty five percent (25%) of the shares included therein (based on the number of shares). The Company shall so advise all holders of securities requesting registration, and the number of shares of securities that are entitled to be included in the registration and underwriting shall be allocated in the following manner: The securities of the Company held by officers, directors and Other Stockholders of the

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Company (other than Registrable Securities and other than securities held by holders who by contractual right demanded such registration ("Demanding Holders")) shall be excluded from such registration and underwriting to the extent required by such limitation, and, if a limitation on the number of shares is still required, the number of shares that may be included in the registration and underwriting by each of the Holders and Demanding Holders shall be reduced, on a pro rata basis (based on the number of shares held by such Holder), by such minimum number of shares as is necessary to comply with such limitation. If any of the Holders or any officer, director or Other Stockholder disapproves of the terms of any such underwriting, he may elect to withdraw therefrom by written notice to the Company and the underwriter. Any Registrable Securities or other securities excluded or withdrawn from such underwriting shall be withdrawn from such registration.

- (c) Form F-3. Each of the BVF Investors, Alta and Chase shall have the right to request one (1) registration (for a total of three (3) registrations) on Form F-3 (such requests shall be in writing and shall state the number of shares of Registrable Securities to be disposed of and the intended method of disposition of shares by such holders), subject only to the following:
- (i) The Company shall not be required to effect a registration pursuant to this Section 2(c) within 180 days of the effective date of the most recent registration pursuant to this Section 2 in which securities held by the requesting Holder could have been included for sale or distribution.
- (ii) The Company shall not be obligated to effect any registration pursuant to this Section 2(c) in any particular jurisdiction in which the Company would be required to execute a consent (other than a limited consent) to service of process in effecting such registration, qualification or compliance, unless the Company is already subject to service in such jurisdiction and except as may be required by the Securities Act or applicable rules or regulations thereunder.
- (iii) The Company shall not be obligated to effect any registration pursuant to this Section 2(c) if the Company is in possession of material non-public information and the Board of Directors of the Company determines in good faith that disclosure of such information would not be in the best interests of the Company and its shareholders, in which case the filing of such registration statement may be delayed until the earlier of the second business day after such conditions shall have ceased to exist and the 120th day after receipt by the Company of the written request from the Initiating Holders under this Section 2(c); provided, however, that the Holders shall be advised of any delay arising from the operation of this clause (iii) and may, without prejudice to their other rights, withdraw their request for the registration of Registrable Securities in which case the contemplated registration shall not count for the purposes of this Section 2(c).

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The Company shall give written notice to all Holders of the receipt of a request for registration pursuant to this Section 2(c) and shall provide a reasonable opportunity for other Holders to participate in the registration, provided that if the registration is for an underwritten offering, the terms of Section 2(a)(ii) shall apply to all participants in such offering. Subject to the foregoing, the Company will use its best efforts to effect promptly the registration of all shares of Registrable Securities on Form F-3 to the extent requested by the Holder or Holders thereof for purposes of disposition.

- (d) Expenses of Registration. All Registration Expenses incurred in connection with any registration, qualification or compliance pursuant to this Section 2 shall be borne by the Company, and all Selling Expenses shall be borne by the Holders of the securities so registered pro rata on the basis of the number of their shares so registered.
- (e) Registration Procedures. In the case of each registration effected by the Company pursuant to this Section 2, the Company will keep the Holders, as applicable, advised in writing as to the initiation of each registration and as to the completion thereof. At its expense, the Company will:
- (i) keep such registration effective for a period of two hundred seventy (270) days or until the Holders, as applicable, have sold all the Registrable Securities included in such registration, whichever first occurs; provided, however, that (A) such 270-day period shall be extended for a period of time equal to the period during which the Holders, as applicable, refrain from selling any securities included in such registration in accordance with provisions in Section 2(i) hereof; and (B) in the case of any registration of Registrable Securities on Form F-3 which are intended to be offered on a continuous or delayed basis, such 270-day period shall be extended until all such Registrable Securities are sold, provided that Rule 415, or any successor rule under the Securities Act, permits an offering on a continuous or delayed basis, and provided further that applicable rules under the Securities Act governing the obligation to file a post-effective amendment permit, in lieu of filing a post-effective amendment which (y) includes any prospectus required by Section 10(a) of the Securities Act or (z) reflects facts or events representing a material or fundamental change in the information set forth in the registration

statement, the incorporation by reference of information required to be included in (y) and (z) above to be contained in periodic reports filed pursuant to Section 12 or 15(d) of the Exchange Act in the registration statement;

- (ii) furnish such number of prospectuses and other documents incident thereto as each of the Holders, as applicable, from time to time may reasonably request;
- (iii) promptly notify each Holder of Registrable Securities covered by such registration at any time when a prospectus relating thereto is required to be delivered under the Securities Act of the happening of any event as a result of which the prospectus included in such registration statement, as then in effect, includes an untrue statement of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein not misleading in the light of the circumstances then existing;

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- (iv) furnish, on the date that such Registrable Securities are delivered to the underwriters for sale, if such securities are being sold through underwriters or, if such securities are not being sold through underwriters, on the date that the registration statement with respect to such securities becomes effective, (1) an opinion, dated as of such date, of the counsel representing the Company for the purposes of such registration, in form and substance as is customarily given to underwriters in an underwritten public offering and reasonably satisfactory to a majority in interest of the Holders participating in such registration, addressed to the underwriters, if any, and to the Holders participating in such registration and (2) a letter, dated as of such date, from the independent certified public accountants of the Company, in form and substance as is customarily given by independent certified public accountants to underwriters in an underwritten public offering and reasonably satisfactory to a majority in interest of the Holders participating in such registration, addressed to the underwriters, if any, and if permitted by applicable accounting standards, to the Holders participating in such registration; and
- (v) assist the Holders in the deposit of Ordinary Shares with the depositary and the issuance of American Depositary Receipt representing the ADSs equivalent to such Ordinary Shares.
  - (f) Indemnification.
- (i) The Company will indemnify each of the Holders, as applicable, each of its officers, directors and partners, and each person controlling each of the Holders, with respect to each registration which has been effected pursuant to this Section 2, and each underwriter, if any, and each person who controls such underwriter, against all claims, losses, damages and liabilities (or actions in respect thereof) arising out of or based on any untrue statement (or alleged untrue statement) of a material fact contained in any prospectus, offering circular or other document (including any related registration statement, notification or the like) incident to any such registration, qualification or compliance, or based on any omission (or alleged omission) to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, or any violation by the Company of the Securities Act or the Exchange Act or any rule or regulation thereunder applicable to the Company and relating to action or inaction required of the Company in connection with any such registration, qualification or compliance, and will reimburse each of the Holders, each of its officers, directors and partners, and each person controlling each of the Holders, each such underwriter and each person who controls any such underwriter, for any legal and any other expenses reasonably incurred in connection with investigating and defending any such claim, loss, damage, liability or action, provided that the Company will not be liable in any such case to the extent that any such claim, loss, damage, liability or expense arises out of or is based on any untrue statement or omission based upon written information furnished to the Company by the Holders or underwriter and stated to be specifically for use therein.

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- (ii) Each of the Holders will, if Registrable Securities held by it are included in the securities as to which such registration, qualification or compliance is being effected, indemnify the Company, each of its directors and officers and each underwriter, if any, of the Company's securities covered by such a registration statement, each person who controls the Company or such underwriter, each Other Stockholder and each of their officers, directors, and partners, and each person controlling such Other Stockholder against all claims, losses, damages and liabilities (or actions in respect thereof) arising out of or based on any untrue statement (or alleged untrue statement) of a material fact contained in any such registration statement, prospectus, offering circular or other document made by such Holder, or any omission (or alleged omission) to state therein a material fact required to be stated therein or necessary to make the statements by such Holder therein not misleading, and will reimburse the Company and such Other Stockholders, directors, officers, partners, persons, underwriters or control persons for any legal or any other expenses reasonably incurred in connection with investigating or defending any such claim, loss, damage, liability or action, in each case to the extent, but only to the extent, that such untrue statement (or alleged untrue statement) or omission (or alleged omission) is made in such registration statement, prospectus, offering circular or other document in reliance upon and in conformity with written information furnished to the Company by such Holder and stated to be specifically for use therein; provided, however, that the obligations of each of the Holders hereunder shall be limited to an amount equal to the net proceeds to such Holder of securities sold as contemplated herein.
- (iii) Each party entitled to indemnification under this Section 2(f) (the "Indemnified Party") shall give notice to the party required to provide indemnification (the "Indemnifying Party") promptly after such Indemnified Party has actual knowledge of any claim as to which indemnity may be sought, and shall permit the Indemnifying Party to assume the defense of any such claim or any litigation resulting therefrom; provided that counsel for the Indemnifying Party, who shall conduct the defense of such claim or any litigation resulting therefrom, shall be approved by the Indemnified Party (whose approval shall not unreasonably be withheld) and the Indemnified Party may participate in such defense at such party's expense (unless the Indemnified Party shall have reasonably concluded that there may be a conflict of interest between the Indemnifying Party and the Indemnified Party in such action, in which case the fees and expenses of counsel shall be at the expense of the Indemnifying Party), and provided further that the failure of any Indemnified Party to give notice as provided herein shall not relieve the Indemnifying Party of its obligations under this Section 2 unless the Indemnifying Party is materially prejudiced thereby. No Indemnifying Party, in the defense of any such claim or litigation shall, except with the consent of each Indemnified Party, consent to entry of any judgment or enter into any settlement which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnified Party of a release from all liability in respect to such claim or litigation. Each Indemnified Party shall furnish such information regarding itself or the claim in question as an Indemnifying Party may reasonably request in writing and as shall be

reasonably required in connection with the defense of such claim and litigation resulting therefrom.

- (iv) If the indemnification provided for in this Section 2(f) is held by a court of competent jurisdiction to be unavailable to an Indemnified Party with respect to any loss, liability, claim, damage or expense referred to herein, then the Indemnifying Party, in lieu of indemnifying such Indemnified Party hereunder, shall contribute to the amount paid or payable by such Indemnified Party as a result of such loss, liability, claim, damage or expense in such proportion as is appropriate to reflect the relative fault of the Indemnifying Party on the one hand and of the Indemnified Party on the other in connection with the statements or omissions which resulted in such loss, liability, claim, damage or expense, as well as any other relevant equitable considerations. The relative fault of the Indemnifying Party and of the Indemnified Party shall be determined by reference to, among other things, whether the untrue (or alleged untrue) statement of a material fact or the omission (or alleged omission) to state a material fact relates to information supplied by the Indemnifying Party or by the Indemnified Party and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.
- (v) Notwithstanding the foregoing, to the extent that the provisions on indemnification and contribution contained in the underwriting agreement entered into in connection with any underwritten public offering contemplated by this Agreement are in conflict with the foregoing provisions, the provisions in such underwriting agreement shall be controlling.
- (vi) The foregoing indemnity agreement of the Company and Holders is subject to the condition that, insofar as they relate to any loss, claim, liability or damage made in a preliminary prospectus but eliminated or remedied in the amended prospectus on file with the Commission at the time the registration statement in question becomes effective or the amended prospectus filed with the Commission pursuant to Commission Rule 424(b) (the "Final Prospectus"), such indemnity or contribution agreement shall not inure to the benefit of any underwriter or Holder if a copy of the Final Prospectus was furnished to the underwriter and was not furnished to the person asserting the loss, liability, claim or damage at or prior to the time such action is required by the Securities Act.
  - (g) Information by the Holders.
- (i) Each of the Holders holding securities included in any registration shall furnish to the Company such information regarding such Holder and the distribution proposed by such Holder as the Company may reasonably request in writing and as shall be reasonably required in connection with any registration, qualification or compliance referred to in this Section 2.

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(ii) In the event that, either immediately prior to or subsequent to the effectiveness of any registration statement, any Holder shall distribute Registrable Securities to its partners, such Holder shall so advise the Company and provide such information as shall be necessary to permit an amendment to such registration statement to provide information with respect to such partners, as selling securityholders. Promptly following receipt of such information, the Company shall file an appropriate amendment to such registration statement reflecting the information so provided. Any incremental expense to the Company resulting from such amendment shall be borne by such Holder.

(h) Rule 144 Reporting.

With a view to making available the benefits of certain rules and regulations of the Commission which may permit the sale of restricted securities to the public without registration, the Company agrees to:

- (i) make and keep public information available as those terms are understood and defined in Rule 144 under the Securities Act ("Rule 144");
- (ii) use its best efforts to file with the Commission in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act at any time after it has become subject to such reporting requirements; and
- (iii) so long as the Holder owns any Registrable Securities, furnish to the Holder upon request, a written statement by the Company as to its compliance with the reporting requirements of Rule 144 (at any time from and after ninety (90) days following the effective date of the first registration statement filed by the Company for an offering of its securities to the general public), and of the Securities Act and the Exchange Act (at any time after it has become subject to such reporting requirements), a copy of the most recent annual or quarterly report of the Company, and such other reports and documents so filed as the Holder may reasonably request in availing itself of any rule or regulation of the Commission allowing the Holder to sell any such securities without registration.
- (i) Holdback Agreement. If any registration of Registrable Securities shall be in connection with an underwritten public offering, each Holder of Registrable Securities agrees not to effect any public sale or distribution, including any sale pursuant to Rule 144 under the Securities Act, of any equity securities of the Company, or of any security convertible into or exchangeable or exercisable for any equity security of the Company (in each case, other than as part of such underwritten public offering), within seven (7) days before or such period not to exceed ninety (90) days as the underwriting agreement may require (or such lesser period as the managing underwriters may permit) after the effective date of such registration (except as part of such registration), provided that all other stockholders of the Company having registration rights, the Company and each officer and director of the Company shall have agreed to a similar holdback restriction.

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### 3. MISCELLANEOUS

- (a) Directly or Indirectly. Where any provision in this Agreement refers to action to be taken by any Person, or which such Person is prohibited from taking, such provision shall be applicable whether such action is taken directly or indirectly by such Person.
  - (b) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of New York.

deemed to cons	(c) Section Headings. The headings of the sections and subsection titute a part thereof.	ons of th	is Agreement are inserted for convenience only and shall not be
	(d) Notices.		
or by registered	(i) All communications under this Agreement shall be in writing or certified mail, postage prepaid:	g and sha	all be delivered by hand or facsimile or mailed by overnight courier
Venisseux Cede to the Holders;			du Moulin a Vent, 33, avenue Docteur Georges Levy, 69693-3446), or at such other address as it may have furnished in writing
may have been	(B) if to the Holders, at the address or facsimile numbe furnished the Company in writing.	er listed (	on Schedule I hereto, or at such other address or facsimile number as
courier, on the f such mailing.	(iii) Any notice so addressed shall be deemed to be given: if delifirst business day following the date of such mailing; and if mailed		
photographic or reproduction show whether or not s	ons which may hereafter be executed may be reproduced by the Ho	lders by ocument r admini	so reproduced. The parties hereto agree and stipulate that any such strative proceeding (whether or not the original is in existence and
parties.	(f) Successors and Assigns. This Agreement shall inure to the be	enefit of	and be binding upon the successors and assigns of each of the
	12		
with) the written	ding among such parties. This Agreement may be amended, and the nonconsent of the Company and each of the Investors holding then of the Severability. In the event that any part or parts of this Agreement jurisdiction, such determination shall not affect the remaining part of the severability.	ne observ outstandi ment sha provisio ore count	all be held illegal or unenforceable by any court or administrative ns of this Agreement which shall remain in full force and effect.  erparts, each of which shall be deemed an original and all of which
	13		
IN WI	TNESS WHEREOF, the undersigned have executed this Agreemen		the date first set forth above.  MEL TECHNOLOGIES S.A.
		By:	Gerard Soula Chief Executive Officer
		INVE	STORS:
		BIOT	ECHNOLOGY VALUE FUND, L.P.
		By:	BVF PARTNERS L.P., its General Partner
		By:	BVF, INC., its General Partner
			By: Mark N. Lampert
			President
		BIOT	ECHNOLOGY VALUE FUND II, L.P.
		Bv:	BVF PARTNERS L.P., its General Partner

By: BVF, INC., its General Partner

	President
	INVESTMENT 10 L.L.C.
	By: BVF PARTNERS, L.P., its Investment Advisor
	By: BVF, INC., its General Partner
	Ву:
	Mark N. Lampert President
	Hesident
14	
	ALTA BIOPHARMA PARTNERS LP
	By: Alta BioPharma Management LLC
	Ву:
	Name: Title:
	ALTA EMBARCADERO BIOPHARMA, LLC
	By:
	Name: Title:
	FLAMEL CHASE PARTNERS (ALTA BIO), LLC
	By: Alta/Chase BioPharma Management, LLC
	Ву:
	Name: Title:
	CHASE EUROPEAN EQUITY ASSOCIATES, LLC
	By: Chase Capital Partners, its Manager
	Ву:
	Name: Title:
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By:

Mark N. Lampert

### SCHEDULE I

Name and Address of Investor

BIOTECHNOLOGY VALUE FUND, L.P. c/o BVF Partners, L.P. One Sansome Street, 39th Floor San Francisco, CA 94104

BIOTECHNOLOGY VALUE FUND II, L.P. c/o BVF Partners, L.P. One Sansome Street, 39th Floor San Francisco, CA 94104

INVESTMENT 10 L.L.C. c/o BVF Partners, L.P. One Sansome Street, 39th Floor San Francisco, CA 94104

ALTA BIOPHARMA PARTNERS LP One Embarcadero Center Suite 4050 San Francisco, CA 94111 ALTA EMBARCADERO BIOPHARMA, LLC One Embarcadero Center Suite 4050 San Francisco, CA 94111

FLAMEL CHASE PARTNERS (ALTA BIO), LLC One Embarcadero Center Suite 4050 San Francisco, CA 94111

CHASE EUROPEAN EQUITY ASSOCIATES, LLC 380 Madison Avenue 12th Floor New York, NY 10017-2951