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

FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For the month of December 2008

Commission File Number 000-28508

Flamel Technologies S.A.

(Translation of registrant's name into English)

Parc Club du Moulin à Vent 33 avenue du Dr. Georges Levy 69693 Vénissieux Cedex France (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F

Indicate by check mark whether registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes o

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-_

No 🗹

Form 40-F o

INFORMATION FILED WITH THIS REPORT

Document Index

99.1 Press release regarding new contracts and research collaboration, dated December 22, 2008.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: December 22, 2008

Flamel Technologies S.A.

By: /s/ Stephen H. Willard

Name:Stephen H. WillardTitle:Chief Executive Officer

EXHIBIT INDEX

Exhibit
NumberDescription99.1Press release regarding new contracts and research collaboration, dated December 22, 2008.



Flamel Technologies Announces New Micropump and Medusa Contracts, and a Research Collaboration with Pfizer

LYON, France — December 22, 2008 - Flamel Technologies (NASD: FLML) today announced that it has entered into a new Micropump license agreement for a combination product with a new partner and will begin formulation work immediately. Flamel also has entered into an additional feasibility agreement involving its Medusa platform with an existing partner and work has commenced. Flamel Technologies is engaged in 17 partnered projects and is working with seven of the top-twenty pharmaceutical companies in the world, including a continuing research collaboration with Pfizer Inc. (NYSE: PFE).

Stephen H. Willard, Flamel's chief executive officer, commented, "We are pleased to continue to add new license agreements and projects for both our Micropump and Medusa platforms. We are making significant strides with our existing agreements, but we retain our focus on adding new partnership agreements, particularly with the world's largest pharmaceutical companies. In this regard, I am particularly pleased to announce our continuing work with Pfizer, the world's largest research-based biomedical and pharmaceutical company."

Flamel Technologies, S.A. is a biopharmaceutical company principally engaged in the development of two unique polymer-based delivery technologies for medical applications. Flamel's Medusa® technology is designed to deliver controlled-release formulations of therapeutic proteins and peptides. Micropump® is a controlled release and tastemasking technology for the oral administration of small molecule drugs.

Contact: Charles Marlio Director of Strategic Planning and Investor Relations tel: (+) 33 (0)4 – 7278 – 3434 fax: (+) 33 (0)4 – 7278 – 3435 Marlio@flamel.com

This document contains a number of matters, particularly as related to the status of various research projects and technology platforms, that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. The document reflects the current view of management with respect to future events and is subject to risks and uncertainties that could cause actual results to differ materially from those contemplated in such forward-looking statements. These risks include risks that products in the development stage may not achieve scientific objectives or milestones or meet stringent regulatory requirements, uncertainties regarding market acceptance of products in development, the impact of competitive products and pricing, and the risks associated with Flamel's reliance on outside parties and key strategic alliances. We undertake no obligation to update these forward-looking statements as a result of new information, future events or otherwise. You should not place undue reliance on these forward-looking statements. These and other risks are described more fully in Flamel's Annual Report on the Securities and Exchange Commission Form 20-F for the year ended December 31, 2007.