

---

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

---

POST-EFFECTIVE AMENDMENT NO. 1  
TO FORM S-8  
REGISTRATION STATEMENT NO. 333-134638

UNDER THE SECURITIES ACT OF 1933

---

**FLAMEL TECHNOLOGIES S.A.**  
(Exact name of Registrant as specified in its charter)

**Republic of France**  
(State or other jurisdiction of  
incorporation or organization)

**98-0639540**  
(I.R.S. Employer  
Identification No.)

**Parc Club du Moulin à Vent**  
**33, avenue du Docteur Georges Levy**  
**Vénissieux France**  
(Address of Principal Executive Offices)

**Not Applicable**  
(Zip Code)

---

**2005 Stock Option Plan**  
**Share Awards to Employees**  
**Warrants to Directors**  
**Warrants to Scientific Advisory Committee**  
(Full title of the plans)

**Phillandas T. Thompson, Esq.**  
**Flamel Technologies S.A.**  
**16640 Chesterfield Grove Road**  
**Suite 200**  
**Chesterfield, MO 63005**  
(Name and address of agent for service)

**(636) 449-1840**  
(Telephone number, including area code, of agent for service)

---

*Copies of all correspondence to:*

**Timothy I Kahler, Esq.**  
**Joseph Walsh, Esq.**  
**Troutman Sanders LLP**  
**875 Third Avenue**  
**New York, NY 10022**  
**(212) 704-6000**

---

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company)

Accelerated filer   
Smaller reporting company

---

## TERMINATION OF REGISTRATION

This Post-Effective Amendment No. 1 relates to the Registration Statement on Form S-8 (Registration No. 333-134638) (the "Registration Statement") of Flamel Technologies S.A., a *société anonyme* incorporated under the laws of the Republic of France (the "Company"). The 2005 Stock Option Plan, the Share Awards to Employees, the Warrants to Directors, and the Warrants to Scientific Advisory Committee have expired in accordance with their terms. All stock options granted under the plans have been exercised, terminated or expired.

In accordance with an undertaking made by the Company in the Registration Statement to remove from registration, by means of a post-effective amendment, any securities of the Company which remained unsold at the termination of the offering, the Company hereby terminates the effectiveness of the Registration Statement and, by means of this post-effective amendment, removes from registration all securities registered under the Registration Statement which remained unsold.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post Effective Amendment No. 1 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Chesterfield, Missouri, on December 30, 2016.

### FLAMEL TECHNOLOGIES S.A.

By: /s/ Michael S. Anderson  
Michael S. Anderson  
Chief Executive Officer

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Michael S. Anderson</u> Michael S. Anderson	Chief Executive Officer (Principal Executive Officer) and Director	December 30, 2016
<u>/s/ Michael F. Kanan</u> Michael F. Kanan	Chief Financial Officer (Principal Financial Officer)	December 30, 2016
<u>/s/ David P. Gusky</u> David P. Gusky	Corporate Controller (Principal Accounting Officer)	December 30, 2016
<u>/s/ Craig R. Stapleton</u> Craig R. Stapleton	Non-Executive Chairman of the Board and Director	December 30, 2016
<u>Guillaume Cerutti</u>	Director	
<u>/s/ Francis J.T. Fildes</u> Francis J.T. Fildes	Director	December 30, 2016
<u>/s/ Benoit Van Assche</u> Benoit Van Assche	Director	December 30, 2016
<u>Christophe Navarre</u>	Director	