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

Date of Report: November 15, 2016 Commission File Number: 001-36891

Cellectis S.A.

(Exact Name of registrant as specified in its charter)

8, rue de la Croix Jarry 75013 Paris, France +33 1 81 69 16 00 (Address of principal executive office)

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):
Form 20-F ☑ Form 40-F [
Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

EXHIBIT INDEX

Exhibit <u>Title</u>

99.1 Press release, dated November 15, 2016.

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.

CELLECTIS S.A.

(Registrant)

November 15, 2016

By: /s/ André Choulika

André Choulika Chief Executive Officer

Calyxt Produces 1,200 Tons of High-Oleic Soybeans in U.S.

MINNEAPOLIS & ST. PAUL, Minn.--(BUSINESS WIRE)--November 15, 2016--Calyxt, Inc., a Minnesota-based company developing healthier food products to benefit both consumers and growers, today announced that the Company has completed the 2016 expansion of its high-oleic/no trans-fat soybean variety (CAL1501) in the U.S. with a production of 1,200 tons of beans.

In Spring 2016, Calyxt planted 942 acres (381 hectares) in six U.S. states – Illinois, Iowa, Michigan, Minnesota, South Dakota and Wisconsin. To date, the Company has harvested approximately 45,000 bushels. We intent to use a substantial portion of the harvest for a first industrial scale crush.

The high-oleic/low saturated fat oil from this new variety of soybean, with a high-oleic acid content, is designed to eliminate the need for hydrogenation, a process that improves heat stability and shelf life of conventional soybean oil. The process of hydrogenation contributes to the production of trans-fatty acids, which, when consumed, raises low-density lipoprotein, or LDL, cholesterol levels and contributes to cardiovascular diseases.

Based on a thorough review of the scientific evidence, the U.S. Food and Drug Administration announced that partially hydrogenated oils (PHOs), the primary dietary source of artificial trans-fat in processed foods, are not "generally recognized as safe" for use in human food and should be banned by 2018. Calyxt's variety of soybeans has a fatty acid profile that's very similar to that of olive oil, with the added benefit of an approximate 20 percent decrease in saturated fatty acids compared to standard soybean oil.

"The Calyxt team is dedicated to bringing to market food ingredients with healthier characteristics for consumers, and given that the food industry needs to remove trans-fat from products while maintaining high heat performance, high-oleic soybean varieties fulfill a large need for the food sector," said Federico Tripodi, Calyxt's CEO. "Most importantly, with this year's high quality production, Calyxt is in a prime position to gain scale to commercialize this product in a near future."

In mid-2015, Calyxt received two letters from the USDA confirming that the Company's high-oleic and low-linolenic varieties are non-regulated, as no foreign DNA is added in the development process.

About Calyxt

Calyxt, Inc. is a fast-growing, consumer-oriented ag company that utilizes its innovative, patented TALEN[®] technology to usher in a new era of agriculture and develop crop products with healthier characteristics for consumers – all the while helping farmers and food and agriculture industries reduce their environmental footprints in the context of climate change. Calyxt believes that agricultural technologies can have a profound, positive impact on humanity and is looking to engage those who share this passion for food and agriculture. Calyxt is located in Minneapolis-St. Paul, Minn., and is a wholly owned subsidiary of Cellectis.

For further information please visit our website: www.calyxt.com

Calyxt[™] and the corporate logo are trademarks owned by Calyxt, Inc.

Talking about gene editing? We do it.

TALEN[®] is a registered trademark owned by the Cellectis Group.

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