

**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 13, 2019  
**Commission File Number:** 001-36891

**Collectis 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 whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:  
Form 20-F  Form 40-F

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):

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):

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**EXHIBIT INDEX**

**Exhibit**

**Title**

[99.1](#)      [Press release, dated November 13, 2019.](#)

## 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 13, 2019

By: /s/ André Choulika  
André Choulika  
Chief Executive Officer

## **Collectis Publishes Creation of “Smart CAR T-Cells” for Potentially Safer, More Effective Treatments for Cancer in *Nature Communications***

### ***Collectis Researchers Build CAR T-Cells Able to Sense and React to Their Environment by Secreting Therapeutic Proteins That Improve Their Ability to Fight Cancerous Cells***

NEW YORK--(BUSINESS WIRE)--November 13, 2019--Regulatory News:

Collectis (Paris:ALCLS) (NASDAQ:CLLS) (Euronext Growth: ALCLS; Nasdaq: CLLS), a biopharmaceutical company focused on developing immunotherapies based on gene-edited allogeneic CAR T-cells (UCART), announced today a paper published in *Nature Communications* that describes a proof-of-concept for rewiring the cell pathway to create highly intelligent T-cells that can recognize cancerous tumors and cause a micro secretion of therapeutic proteins onto these tumors, which ultimately reshapes the tumor microenvironment and improves the T-cells ability to fight cancer. By utilizing gene editing techniques to rewire the TCR $\alpha$ , CD25 and PD1 genes, the study enabled CAR T-cells to micro secrete the pro-inflammatory cytokine, IL-12, in a tumor and time-dependent manner, paving the way for a next generation of tightly controlled, highly active and potentially safer CAR T-cell treatments.

“Discussion around the tumor microenvironment has become a popular topic in the CAR T-cell space, and with recent advancements in gene editing technologies, especially TALEN<sup>®</sup>, it is now possible to manipulate the way a T-cell regulates itself to adapt to its environment,” said Dr. Philippe Duchateau, Ph.D., Chief Scientific Officer, Collectis. “With seamless modification of multiple genes, and subsequently rewiring their natural regulatory processes, this approach causes the T-cells to secrete therapeutic proteins of interest in a tightly controlled and localized manner. We have essentially transformed the current T-cells used today into precise and powerful micro-robots that can spray IL-12 specifically onto cancer cells – potentially avoiding the toxicity of a systemic injection of IL-12, while enhancing CAR-T activity.”

“Our extensive knowledge in TALEN<sup>®</sup>-based gene editing and DNA donor template design enabled us to develop this groundbreaking proof-of-concept, a milestone that paves the way to the next generation of CAR T-cells,” added Dr. Julien Valton, Ph.D., Innovation Team Leader, Collectis. “These highly intelligent CAR T-cells can sense and remodel their microenvironment in a tailored, highly regulated, and antigen-specific manner, allowing us to have more control over increasingly potent treatments and less risk of general secretion into healthy tissues. This engineering strategy could bring smarter, safer and more effective treatments to the forefront for patients in need.”

#### **Julien Valton, Ph.D., Innovation Team Leader, Cellular Engineering & Adoptive CAR T-Cell Immunotherapy**

Dr. Julien Valton obtained his Ph.D. at the University Joseph Fourier in Grenoble, France, where he was trained as an enzymologist. He then joined the Yale School of Medicine to apply his knowledge to therapeutic research by investigating the mechanism of inhibition of receptor tyrosine kinases that are involved in the development of gastrointestinal cancer. In 2009, he moved a step further into the field of applied science by joining the Innovation Department of Collectis, where he actively participated in using and improving TALEN<sup>®</sup> gene editing technology for targeted gene therapy and genome engineering. He is now using TALEN<sup>®</sup> along with protein engineering techniques to develop the next-generation CAR T-cells to treat different malignancies.

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## Repurposing Endogenous Immune Pathways to Tailor and Control Chimeric Antigen Receptor T-cell Functionality

Mohit Sachdeva<sup>1</sup>, Brian W. Busser<sup>1</sup>, Sonal Temburni<sup>1</sup>, Billal Jahangiri<sup>1</sup>, Anne-Sophie Gautron<sup>2</sup>, Alan Maréchal<sup>2</sup>, Alexandre Juillerat<sup>1</sup>, Alan Williams<sup>1</sup>, Stéphane Depil<sup>2</sup>, Philippe Duchateau<sup>2</sup>, Laurent Poirot<sup>2</sup> and Julien Valton<sup>1</sup>

<sup>1</sup>Collectis, Inc., 430 East 29th Street, New York, NY 10016, USA

<sup>2</sup>Collectis, 8 rue de la Croix Jarry, 75013 Paris, France

### About Collectis

Collectis is developing the first of its kind allogeneic approach for CAR-T therapies, pioneering the concept of off-the-shelf and ready-to-use gene-edited CAR-T cells to treat patients. As a clinical-stage biopharmaceutical company with over 19 years of expertise in gene editing, we are developing game-changer product candidates in immune-oncology. Utilizing TALEN<sup>®</sup>, our proprietary gene editing technology, and PulseAgile, our pioneering electroporation system, we are harnessing the power of the immune system to target and eradicate cancer cells.

As part of our commitment to a cure, Collectis remains dedicated to its goal of providing life-saving UCART product candidates to address unmet need for multiple cancers including B-cell acute lymphoblastic leukemia (B-ALL), non-Hodgkin lymphoma (NHL) and multiple myeloma (MM). Collectis is listed on the Nasdaq (ticker: CLLS) and on Euronext Growth (ticker: ALCLS).

Collectis headquarters are in Paris, France, with additional locations in New York, New York and Raleigh, North Carolina. For more information, visit [www.collectis.com](http://www.collectis.com).

Follow Collectis on social media: @Collectis, LinkedIn and YouTube.

TALEN<sup>®</sup> is a registered trademark owned by Collectis.

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**Disclaimer**

This press release contains “forward-looking” statements that are based on our management’s current expectations and assumptions and on information currently available to management. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Further information on the risk factors that may affect company business and financial performance is included in Collectis’ Annual Report on Form 20-F and the financial report (including the management report) for the year ended December 31, 2018 and subsequent filings Collectis makes with the Securities Exchange Commission from time to time. Except as required by law, we assume no obligation to update these forward-looking statements publicly, or to update the reasons why actual results could differ materially from those anticipated in the forward-looking statements, even if new information becomes available in the future.

**Contacts****Media:**

Jennifer Moore, VP of Communications, 917-580-1088, [media@collectis.com](mailto:media@collectis.com)

Caitlin Kasunich, KCSA Strategic Communications, 212-896-1241, [ckasunich@kcsa.com](mailto:ckasunich@kcsa.com)

**IR:**

Simon Harnest, VP of Corporate Strategy and Finance, 646-385-9008, [simon.harnest@collectis.com](mailto:simon.harnest@collectis.com)