



PRESS RELEASE

## **Cellectis Wins Patent Challenge in Europe for a Method Using CRISPR-Cas9 for Gene Editing in T-Cells**

*European Patent EP3004337 Upheld by the EPO in Favor of Cellectis, Refers to the Method of Preparing T-Cells for Immunotherapy Using the RNA-Guided CRISPR-Cas9 Nuclease System*

**November 20, 2019 – New York (N.Y.)** – Cellectis (Euronext Growth: ALCLS; Nasdaq: CLLS), a biopharmaceutical company focused on developing immunotherapies based on gene-edited allogeneic CAR T-cells (UCART), today announced that European Patent EP3004337, which claims a method of preparing T-cells for immunotherapy using the CRISPR-Cas9 system, initially granted on August 2, 2017, has been upheld by the European Patent Office (EPO) following an opposition procedure initiated in May 2018.

European Patent EP3004337 claims a method of genetically modifying T-cells by introduction into the cells and/or expression in the cells of an RNA-guided endonuclease, and a specific guide RNA that directs an endonuclease to at least one targeted locus in the T-cell genome, where it is expressed from transfected mRNA and guide RNA is expressed in the cells as a transcript from a DNA vector. The patent also covers the expansion phase of the resulting cells *in vitro*.

The inventors of this patent are Dr. André Choulika, Chairman and CEO, Cellectis, Dr. Philippe Duchateau, Chief Scientific Officer, Cellectis and Dr. Laurent Poirot, VP, Immunology Department, Cellectis.

To date, the upheld patent has a validity period extended to 2034.

### **About Cellectis**

Cellectis is developing the first of its kind allogeneic approach for CAR-T immunotherapies in oncology, pioneering the concept of off-the-shelf and ready-to-use gene-edited CAR T-cells to treat cancer patients. As a clinical-stage biopharmaceutical company with over 19 years of expertise in gene editing, Cellectis is developing life-changing product candidates utilizing TALEN®, its proprietary gene editing technology, and PulseAgile, its pioneering electroporation system to harness the power of the immune system in order to target and eradicate cancer cells.

As part of its commitment to a cure, Cellectis remains dedicated to its goal of providing life-saving UCART product candidates to address unmet needs for multiple cancers including acute myeloid leukemia (AML), B-cell acute lymphoblastic leukemia (B-ALL), multiple myeloma (MM), Hodgkin lymphoma (HL) and non-Hodgkin lymphoma (NHL).

Cellectis headquarters are in Paris, France, with additional locations in New York, New York and Raleigh, North Carolina. Cellectis is listed on the Nasdaq Global Market (ticker: CLLS) and on Euronext Growth (ticker: ALCLS). For more information, visit [www.cellectis.com](http://www.cellectis.com).

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TALEN® is a registered trademark owned by Collectis.

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