

PRESS RELEASE

Cellectis Supplements the Announcement of the Pricing of Follow-On Offering with Allocation of Share Capital Information

NEW YORK—February 3, 2023 — Cellectis S.A. ("Cellectis" or the "Company") (Euronext Growth: ALCLS - NASDAQ: CLLS), a clinical-stage biotechnology company using its pioneering gene-editing platform to develop life-saving cell and gene therapies, in accordance with French regulatory requirements, is supplementing its previous announcement of the pricing of its underwritten global offering by way of a capital increase of 8,800,000 American Depositary Shares ("ADS"), each representing the right to receive one ordinary share of Cellectis, nominal value €0.05 per share (the "Global Offering"), which launched and priced on February 2, 2023, at a price to the public of \$2.50 per ADS as announced on February 2, 2023. The closing of the Global Offering is expected to occur on or about February 7, 2023, subject to customary closing conditions.

Jefferies LLC and Barclays Capital Inc. are acting as joint book-running managers for the Global Offering.

Allocation of the Share Capital

The following table presents the expected allocation of Cellectis' share capital following the settlement and delivery of the ADSs sold in the Global Offering:

Situation before the capital increase (on a non-diluted basis) based on the ordinary shares outstanding as of September 30, 2022 Situation after the capital increase (on a non-diluted basis and excluding the exercise of the over-allotment option) based on the ordinary shares outstanding as of September 30,

Shareholders	Number of shares	% of share capital	Number of shares	% of share capital
Bpifrance Participations	3,686,287	8.09%	5,873,247	10.80%
Baillie Gifford & Co.	3,241,364	7.11%	4,281,364	7.87%
Pfizer, Inc.	2,786,924	6.12%	2,786,924	5.13%
Long Focus Capital Management LLC	2,683,633	5.89%	4,183,633	7.70%
Board of Directors	2,147,242	4.71%	2,147,242	3.95%
Lohas S.à r.l.	1,743,678	3.83%	1,743,678	3.21%
Others	29,278,682	64.25%	33,351,722	61.34%

Total 45,567,810 100.00% 54,367,810 100.00%
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Bpifrance Participations, Baillie Gifford & Co. and Long Focus Capital Management LLC, existing shareholders of the Company, are expected to be allocated in the aggregate more than half of the ADS sold in the Global Offering.

The listing of Cellectis' ordinary shares on Euronext Growth in Paris were suspended at market open today, February 3, 2023, and will resume today at 3:30 pm (Paris time) / 9:30 a.m. (New York time).

The ordinary shares underlying the ADS offered in the Global Offering are expected to start trading on or about February 7, 2023 on Euronext Growth in Paris on the same trading line as the existing ordinary shares under the same ISIN code FR0010425595 and under the ticker "ALCLS".

The ADSs are being offered pursuant to an effective shelf registration statement on Form F-3 (Registration No. 333-265826), which was filed with the Securities and Exchange Commission (SEC) on June 24, 2022 and subsequently declared effective on July 7, 2022. The Global Offering is being made only by means of a prospectus and prospectus supplement that form a part of the registration statement. A preliminary prospectus supplement relating to and describing the terms of the Global Offering has been filed with the SEC on February 2, 2023 and is available on the SEC's website at www.sec.gov. The final prospectus supplement relating to the Global Offering will be filed with the SEC. When available, copies of the final prospectus supplement (and accompanying prospectus) relating to the Global Offering may be obtained from Jefferies LLC, Attention: Equity Syndicate Prospectus Department, 520 Madison Avenue, 2nd Floor, New York, telephone email NY 10022 or by at (877)821-7388 bv Prospectus_Department@Jefferies.com; or Barclays Capital Inc., c/o Broadridge Financial Solutions, 1155 Long Island Avenue, Edgewood, NY 11717, or by telephone (888) 603-5847 or by email at Barclaysprospectus@broadridge.com The preliminary prospectus supplement and the accompanying prospectus, together with the documents incorporated by reference therein do not include any inside information (as defined under Article 7 of Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014 on market abuse as amended (MAR)).

This press release shall not constitute an offer to sell or the solicitation of an offer to buy these securities, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction. In particular, no public offering of the ADSs will be made in the European Union or any of its member states.

Special Note Regarding Forward-Looking Statements

This press release contains "forward-looking" statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, including, but not limited to, statements regarding the expected closing of the Offering. Words such as "anticipates," "believes," "expects," "intends," "projects," "anticipates," and, "future" or," "can," "could,", "is designed to," "may," "might," "plan," "potential," "predict," "objective,", "scheduled," "should," and "will," or the negative of these and similar expressions are intended to identify forward-looking statements. These forward-looking statements, which are based on our management's current expectations and assumptions and on information currently available to management. These forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from those implied by the forward-looking statements, such as: market conditions, including the trading

price and volatility of Cellectis' ADSs and ordinary shares, risks related to the satisfaction of closing conditions in the underwriting agreement related to the Global Offering, and risks related to Cellectis' business and financial performance. Further information on the risk factors that may affect company business and financial performance is included in Cellectis' Annual Report on Form 20-F for the year ended December 31, 2021 and subsequent filings Cellectis makes with the SEC from time to time which are available on the SEC's website at www.sec.gov. The forward-looking statements included in this press release speak only as of the date of this press release, and except as required by law, Cellectis assumes no obligation to update these forward-looking statements publicly.

About Cellectis

Cellectis is a clinical-stage biotechnology company using its pioneering gene-editing platform to develop life-saving cell and gene therapies. Cellectis utilizes an 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, and a platform to make therapeutic gene editing in hemopoietic stem cells for various diseases. As a clinical-stage biopharmaceutical company with over 22 years of experience and expertise in gene editing, Cellectis is developing life-changing product candidates utilizing TALEN®, its gene editing technology, and PulseAgile, its pioneering electroporation system to harness the power of the immune system in order to treat diseases with unmet medical needs. Cellectis' headquarters are in Paris, France, with locations in New York, New York and Raleigh, North Carolina. Cellectis is listed on the Nasdaq Global Market (ticker: CLLS) and on Euronext Growth in Paris (ticker: ALCLS).

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Disclaimers

This press release does not constitute an offer to sell nor a solicitation of an offer to buy, nor shall there be any sale of ordinary shares or ADSs in any state or jurisdiction in which such an offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

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This document does not constitute an offer to the public in France (except for public offerings defined in Article L.411-2 1° of the French Monetary and Financial Code to qualified investors (*investisseurs qualifiés*)) and the securities referred to in this document can only be offered or sold in France pursuant to Article L. 411-2 1° of the French Monetary and Financial Code to (i) qualified investors (*investisseurs qualifiés*) (as such term is defined in Article 2(e) of the Prospectus Regulation) in accordance with Articles L. 411-1, L. 411-2 and D. 411-2 to D. 411-4 and D. 744-1, D. 754-1 and D. 764-1 of the French Monetary and Financial Code. This announcement is not an advertisement and not a prospectus within the meaning of the Prospectus Regulation.

With respect to the member States of the European Economic Area, no action has been undertaken or will be undertaken to make an offer to the public of the securities referred to herein requiring a publication of a prospectus in any relevant member State. As a result, the securities may not and will not be offered in any relevant member State except in accordance with the exemptions set forth in Article 1 (4) of the Prospectus Regulation or under any other circumstances which do not require the publication by the Company of a prospectus pursuant to Article 3 of the Prospectus Regulation and/or to applicable regulations of that relevant member State.

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MIFID II product governance / Retail investors, professional investors and ECPs only target market - Solely for the purposes of each manufacturer's product approval process, the target market assessment in respect of the new shares has led to the conclusion that: (i) the target market for the new shares is retail investors, eligible counterparties and professional clients, each as defined in Directive 2014/65/UE, as amended ("MiFID II"); and (ii) all channels for distribution of the new shares to retail investors, eligible counterparties and professional clients are appropriate. Any person subsequently offering, selling or recommending the new shares (a "distributor") should take into consideration the manufacturers' target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market

assessment in respect of the new shares (by either adopting or refining the manufacturers' target market assessment) and determining appropriate distribution channels. For the avoidance of doubt, even if the target market includes retail investors, the manufacturers have decided that the new shares will be offered, as part of the initial offering, only to eligible counterparties and professional clients.