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

**Form S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Autolus Therapeutics plc
(Exact name of registrant as specified in its charter)

Not Applicable
(Translation of registrant's name into English)

England and Wales
(State or other jurisdiction of
incorporation or organization)

Not Applicable
(I.R.S. Employer
Identification Number)

The MediaWorks
191 Wood Lane
White City
London W12 7FP
United Kingdom
Tel: +44 20 3829 6230

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Autolus Inc.
15810 Gaither Drive
Gaithersburg, Maryland 20877
Tel: +1 240 801 3830
United States of America

(Name, address and telephone number of agent for service)

Copies of all communications, including communications sent to agent for service, should be sent to:

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APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE TO THE PUBLIC: From time to time after the effective date of this registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

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

Large accelerated filer
Non-accelerated filer

Accelerated filer
Smaller reporting company
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This registration statement, which is a new registration statement, also constitutes (i) Post-Effective Amendment No. 1 to the Registration Statement on Form F-3 (File No. 333-264304), or the 2022 Registration Statement, of Autolus Therapeutics plc, or the Company, and (ii) Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 (File No. 333-278320), or the 2024 Registration Statement, of the Company. Accordingly, this registration statement contains a combined prospectus pursuant to Rule 429 under the Securities Act of 1933, as amended, or the Securities Act, relating to:

(1) the resale from time to time by BXLS V – Autobahn L.P., or Blackstone, herein of (i) 17,985,611 American Depositary Shares, or ADSs, representing 17,985,611 ordinary shares of the Company, with a nominal value of \$0.000042 per share, or the ordinary shares, previously registered on the 2022 Registration Statement, and (ii) up to an aggregate of 3,265,306 ADSs that are issuable upon the exercise of outstanding warrants to purchase our ADSs held by Blackstone, represented by 3,265,306 ordinary shares, previously registered on the 2022 Registration Statement; and

(2) the resale from time to time by BioNTech SE, or BioNTech, of up to 33,333,333 ADSs, representing 33,333,333 ordinary shares, previously registered on the 2024 Registration Statement.

Pursuant to Rule 429(b) under the Securities Act, upon effectiveness, this registration statement shall constitute (i) Post-Effective Amendment No. 1 to the 2022 Registration Statement with respect to the offering of the unsold securities thereunder and (ii) Post-Effective Amendment No. 1 to the 2024 Registration Statement with respect to the offering of the unsold securities thereunder. Such Post-Effective Amendments shall hereafter become effective concurrently with the effectiveness of this registration statement in accordance with Section 8(c) of the Securities Act.

SUBJECT TO COMPLETION, DATED MAY 8, 2025

PRELIMINARY PROSPECTUS

Up to 54,584,250 American Depositary Shares



Representing 54,584,250 Ordinary Shares

This prospectus relates to the resale from time to time by the selling securityholders identified in this prospectus, of up to 54,584,250 American Depositary Shares, or ADSs, consisting of (i) 51,318,944 ADSs, representing 51,318,944 of our ordinary shares, with a nominal value of \$0.000042 per share, or the ordinary shares and (ii) up to an aggregate of 3,265,306 ADSs issuable upon the exercise of outstanding warrants to purchase our ADSs, representing 3,265,306 ordinary shares.

We are filing the registration statement of which this prospectus forms a part to fulfill our contractual obligations to the selling securityholders to provide for the registration with the Securities and Exchange Commission, or the SEC, of the resale by the selling securityholder of the ADSs. See “Selling Securityholders” beginning on page 14 of this prospectus for more information about the selling securityholders. The registration of the ADSs to which this prospectus relates does not require the selling securityholders to sell any of its ADSs.

The selling securityholders may, from time to time, sell, transfer or otherwise dispose of any or all of the ADSs being registered or interests in the ADSs being registered on any stock exchange, market or trading facility on which our ADSs or ordinary shares are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices. Prices may vary from purchaser to purchaser during the period of distribution. See “Plan of Distribution.” We are not offering any ADSs or ordinary shares under this prospectus and will not receive any of the proceeds from the sale or other disposition of the ADSs or ordinary shares by the selling securityholders. The net proceeds received from the sale or other disposition of our securities by the selling securityholders, if any, is unknown.

We may amend or supplement this prospectus from time to time by filing amendments or supplements as required. You should read the entire prospectus, including the additional information described under the heading “Incorporation of Documents by Reference,” and any amendments or supplements carefully before you make your investment decision. The ADSs are listed on the Nasdaq Global Select Market, or Nasdaq, under the symbol “AUTL.” On May 7, 2025, the closing sale price of the ADSs on Nasdaq was \$1.23.

Investing in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the risks that we have described on page 6 of this prospectus under the caption “[Risk Factors](#)” and under the caption “Risk Factors” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2025 and our other filings with the Securities and Exchange Commission, which are incorporated by reference into this prospectus. We may also include specific risk factors in supplements to this prospectus under the caption “Risk Factors.”

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is May , 2025.

The information in this prospectus is not complete and may be changed. We may not sell these securities or accept an offer to buy these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and it is not soliciting offers to buy these securities in any state where such offer or sale is not permitted.

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ABOUT THIS PROSPECTUS

Neither we nor the selling securityholders have authorized anyone to provide you with additional information or information different from that contained in this prospectus filed with the SEC in any supplement to this prospectus filed with the Securities and Exchange Commission, or SEC, in any free writing prospectus filed with the SEC, or in the documents described under the heading “Incorporation of Documents by Reference.” We and the selling securityholders take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. The selling securityholders are offering to sell, and seeking offers to buy, our ADSs only in jurisdictions where offers and sales are permitted. The information contained in this prospectus is accurate only as of the date of this prospectus, regardless of the time of delivery of this prospectus or any sale of our ADSs. Our business, financial condition, results of operations and prospects may have changed since that date.

For investors outside the United States: Neither we nor the selling securityholders have done anything that would permit this offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the offering of the ADSs and the distribution of this prospectus outside the United States.

This prospectus may be supplemented from time to time by one or more prospectus supplements. Such prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you must rely on the information in the prospectus supplement. You should carefully read both this prospectus and any applicable prospectus supplement before deciding to invest in any ADSs being offered.

To the extent there is a conflict between the information contained in this prospectus, on the one hand, and the information contained in any document incorporated by reference filed with the SEC before the date of this prospectus, on the other hand, you should rely on the information in this prospectus. If any statement in a document incorporated by reference is inconsistent with a statement in another document incorporated by reference having a later date, the statement in the document having the later date modifies or supersedes the earlier statement.

Unless otherwise indicated in this prospectus, “Autolus,” “the company,” “our company,” “we,” “us” and “our” refer to Autolus Therapeutics plc and its subsidiaries.

MARKET, INDUSTRY AND OTHER DATA

This prospectus contains estimates, projections and other information concerning our industry, our business and the markets for our product candidates. Information that is based on estimates, forecasts, projections, market research or similar methodologies is inherently subject to uncertainties, and actual events or circumstances may differ materially from events and circumstances that are assumed in this information. Unless otherwise expressly stated, we obtained this industry, business, market and other data from our own internal estimates and research as well as from reports, research surveys, studies and similar data prepared by market research firms and other third parties such as investment banking analysts, industry, medical and general publications, government data and similar sources. In addition, assumptions and estimates of our and our industry's future performance are necessarily subject to a high degree of uncertainty and risk due to a variety of factors, including those described in the section titled "Risk Factors" in this prospectus. These and other factors could cause our future performance to differ materially from our assumptions and estimates. See the section titled "Special Note Regarding Forward-Looking Statements" in this prospectus.

PROSPECTUS SUMMARY

The following summary highlights selected information contained elsewhere in this prospectus and does not contain all of the information that you need to consider in making your investment decision. We urge you to read this entire prospectus, including the more detailed consolidated financial statements, notes to the consolidated financial statements and other information incorporated by reference from our other filings with the SEC or included in any applicable prospectus supplement. Investing in our securities involves risks. Therefore, carefully consider the risk factors set forth in any prospectus supplements and in our most recent filings with the SEC including our Annual Report on Form 10-K for the year ended December 31, 2024, which is incorporated by reference herein, as well as other information in this prospectus and any prospectus supplements and the documents incorporated by reference herein or therein, before purchasing our securities. Each of the risk factors could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our securities.

Company Overview

We are an early commercial-stage biopharmaceutical company developing next-generation programmed T cell therapies for the treatment of cancer and autoimmune diseases.

We have an FDA-approved commercial product, AUCATZYL/obe-cel (obecabtagene autoleucel) for the treatment of adult patients with r/r B-ALL. On November 8, 2024, the U.S. FDA granted marketing approval for AUCATZYL and we reported its commercial launch in January 2025. The U.K. Medicines and Healthcare products Regulatory Agency, or MHRA, granted AUCATZYL conditional marketing authorization in April 2025, and Autolus anticipates commercial launch in the United Kingdom in the second half of 2025. Obe-cel is under regulatory review in the European Union, or EU, for the treatment of r/r B-ALL, with marketing authorization submissions accepted by the European Medicines Agency, or EMA, in April 2024, and the Company expects to receive notification of approval status from the EMA in the second half of 2025.

Using our broad suite of proprietary and modular T cell programming technologies, we are also developing five programs in seven hematological and solid tumor indications and one autoimmune indication. We are engineering precisely targeted, controlled and highly active T cell therapies that are designed to better recognize target cells, break down their defense mechanisms and attack and eliminate these cells. We believe our programmed T cell therapies have the potential to be best-in-class and offer patients substantial benefits over the existing standard of care, including the potential for cure in some patients.

Please see the sections entitled “Business” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Overview” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, as updated by our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2025 and our subsequent filings with the SEC, for more information regarding our business and corporate strategy.

Corporate Information

We were incorporated under the laws of England and Wales in February 2018. Our registered office is located at The Mediaworks, 191 Wood Lane, White City, London W12 7FP, United Kingdom and our telephone number is +44 20 3829 6230. Our website address is www.autolus.com. The information contained on our website is not incorporated by reference into this prospectus, and you should not consider any information contained on, or that can be accessed through, our website as part of this prospectus or in deciding whether to purchase our securities.

Implications of Being a Foreign Private Issuer

Although we qualify as a foreign private issuer, we have decided to voluntarily file periodic reports, such as annual reports on Form 10-K (including our Annual Report on Form 10-K for the fiscal year ending December 31, 2024), quarterly reports on Form 10-Q and current reports on Form 8-K on U.S. domestic issuer forms, which are more detailed and extensive in certain respects, and which must be filed more promptly, than the forms currently available to foreign private issuers. Similarly, we have decided to file registration statements, including the registration statement of which this prospectus forms a part, on U.S. domestic issuer forms. Although we have voluntarily chosen to file registration statements, periodic reports and current reports on U.S. domestic issuer forms, we maintain our status as a foreign private issuer as long as we meet the qualifications for a foreign private issuer under the Exchange Act. Accordingly, as a foreign private issuer, we remain exempt from the U.S. federal proxy rules pursuant to Section 14 of the Exchange Act and Regulations 14A and 14C thereunder, Regulation FD, and our officers, directors, and principal shareholders are not subject to the reporting and short-swing profit recovery provisions contained in Section 16 of the Exchange Act.

THE OFFERING

ADSs offered by the selling securityholders	54,584,250 ADSs, each ADS representing one ordinary share, including 3,265,306 ADSs issuable upon exercise of warrants.
Ordinary shares to be outstanding after this offering	320,725,661 (assuming the sale of all 54,584,250 ADSs, including 3,265,306 ADSs issuable upon exercise of warrants, held by the selling securityholders), based on the number of ordinary shares outstanding as of March 31, 2025.
Use of proceeds	The selling securityholders will receive all of the net proceeds from this offering. We will not receive any proceeds from the sale of ADSs in this offering. We will, however, bear the costs incurred in connection with the registration of these ADSs and, upon the exercise of the warrants, we will receive the exercise price of the warrants.
American Depositary Shares	Each ADS represents one ordinary share, nominal value \$0.000042 per share. ADSs may be evidenced by American Depositary Receipts, or ADRs. The depositary will hold the ordinary shares underlying the ADSs in a custody account with the custodian, and you will have the rights of an ADS holder or beneficial owner (as applicable) as provided in the deposit agreement among us, the depositary and holders and beneficial owners of ADSs. To better understand the terms of our ADSs, see the description under the caption “American Depositary Shares” in Exhibit 4.3 to our Annual Report on Form 10-K, filed with the SEC on March 20, 2025. We also encourage you to read the deposit agreement, which is filed as Exhibit 4.1 to the registration statement of which this prospectus forms a part.
Depositary	Citibank, N.A.
Custodian	Citibank, N.A. (London)
Nasdaq Global Select Market symbol	“AUTL”

RISK FACTORS

Investing in our securities involves a high degree of risk. You should carefully review the risks and uncertainties described under the heading “Risk Factors” contained in any applicable prospectus supplement and any related free writing prospectus, and under similar headings in our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, as updated by our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2025 and our subsequent filings with the SEC, which are incorporated by reference into this prospectus, before deciding whether to purchase any of the securities being registered pursuant to the registration statement of which this prospectus is a part. Each of the risk factors could adversely affect our business, results of operations, financial condition and cash flows, as well as adversely affect the value of an investment in our securities, and the occurrence of any of these risks might cause you to lose all or part of your investment. Additional risks not presently known to us or that we currently believe are immaterial may also significantly impair our business operations.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference into this prospectus contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act, that involve that relate to future events or to our future operations or financial performance. Any forward-looking statement involves known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to differ materially from any future results, levels of activity, performance or achievements expressed or implied by such forward-looking statement. In some cases, forward-looking statements are identified by the words “anticipate,” “believe,” “continue,” “could,” “estimate,” “expect,” “future,” “goals,” “intend,” “likely,” “may,” “might,” “ongoing,” “objective,” “plan,” “potential,” “predict,” “project,” “seek,” “should,” “strategy,” “target,” “will” and “would” or the negative of these terms, or other comparable terminology intended to identify statements about the future, although not all forward-looking statements contain these identifying words. These statements involve known and unknown risks, uncertainties and other important factors that may cause our actual results, levels of activity, performance or achievements to be materially different from the information expressed or implied by these forward-looking statements.

The forward-looking statements contained in this prospectus and the documents incorporated by reference into this prospectus are based upon information available to us as of the date of this prospectus and, while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. Forward-looking statements include, but are not limited to, statements about:

- our ability to generate revenues from AUCATZYL, which is dependent upon maintaining significant market acceptance among physicians, patients and healthcare payors;
- our ability to maintain regulatory approval of AUCATZYL in the United States, or US, to obtain and maintain regulatory approval for obe-cel for adult r/r B-ALL in additional territories and the timing thereof, and to obtain and maintain regulatory approval of our other product candidates in the indications for which we plan to develop them, and any related restrictions, limitations or warnings in the label of an approved drug or therapy;
- our expectations regarding the commercialization and marketing of AUCATZYL for adult r/r B-ALL, including expanding into additional territories and the related timing of reaching patients in such territories;
- the development of our commercial product and product candidates, including statements regarding the initiation, timing, progress and the results of clinical studies or trials and related preparatory work, the period during which the results of the trials will become available and our research and development programs;
- our estimates regarding expenses, future revenue, capital requirements and needs for additional financing;
- our commercialization, marketing and manufacturing capabilities and strategy for AUCATZYL, including our ability to successfully recruit and retain sales and marketing personnel and to successfully build the market for AUCATZYL;
- our expectations about the willingness of healthcare providers to recommend AUCATZYL to people with adult r/r B-ALL;
- the impacts of public health crises and their effects on our operations and business, including interruption of key clinical trial activities, such as clinical trial site monitoring, access to capital, and potential disruption in the operations and business of third-party manufacturers, clinical sites, contract research organizations, or CROs, other service providers and collaborators with whom we conduct business;

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- our expectations regarding our ability to obtain and maintain intellectual property protection and our ability to license additional intellectual property relating to our product candidates from third parties and to comply with our existing license agreements;
- our plans to research, develop, manufacture and commercialize our product candidates;
- the potential benefits of our commercial product and product candidates;
- the timing or likelihood of regulatory filings and approvals for our product candidates, along with regulatory developments in the US, European Union, the United Kingdom and other foreign countries;
- the size and growth potential of the markets for our commercial product and product candidates, if approved, and the rate and degree of market acceptance of our commercial product and product candidates, including reimbursement that may be received from payors;
- our need for and ability to obtain additional funding, on favorable terms or at all;
- our plans to collaborate, or statements regarding our current collaborations with BioNTech SE, or BioNTech, and others;
- our license and option agreement with BioNTech, including our potential to receive milestone payments and royalties under the agreement;
- our ability to attract collaborators with development, regulatory and commercialization expertise;
- our ability to identify, recruit and retain qualified employees and key personnel;
- our ability to contract with third-party suppliers and manufacturers and their ability to perform adequately;
- the scalability and commercial viability of our manufacturing methods and processes;
- the success of competing therapies that are or may become available;
- whether we are classified as a Passive Foreign Investment Company, or PFIC, for current and future periods;
- additional costs and expenses related to our decision to voluntarily comply with certain U.S. domestic issuer reporting obligations before we are required to do so; and any other factors which may impact our financial results or future trading prices of our ADSs and the impact of securities analysts' reports on these prices.

You should refer to the "Risk Factors" section included in this prospectus and in the other documents incorporated herein for a discussion of important factors that may cause our actual results to differ materially from those expressed or implied by our forward-looking statements. As a result of these factors, we cannot assure you that the forward-looking statements in this prospectus will prove to be accurate. Furthermore, if our forward-looking statements prove to be inaccurate, the inaccuracy may be material. In light of the significant uncertainties in these forward-looking statements, you should not regard these statements as a representation or warranty by us or any other person that we will achieve our objectives and plans in any specified time frame, or at all. We undertake no obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law, applicable regulations or the rules of any stock exchange to which we are subject.

You should read this prospectus, any applicable prospectus supplement, any free writing prospectuses that we may authorize for use in connection with an offering and the documents that we reference in this prospectus and have filed as exhibits to the registration statement of which this prospectus is a part completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of our forward-looking statements by these cautionary statements.

USE OF PROCEEDS

The proceeds from the sale or other disposition of our ADSs and ADSs issuable upon exercise of the warrants covered by this prospectus are solely for the account of the selling securityholders. Accordingly, we will not receive any proceeds from the sale or other disposition of such ADSs, and the net proceeds received from the sale or other disposition of such ADSs by the selling securityholders, if any, is unknown. We will, however, bear the costs incurred in connection with the registration of these ADSs and upon the exercise of the warrants, we will receive the exercise price of the warrants.

PLAN OF DISTRIBUTION

The selling securityholders, which, as used herein, includes donees, pledgees, transferees, distributees, or other successors-in-interest selling our ADSs and our ordinary shares represented thereby or, collectively, the securities, or interests in securities received after the date of this prospectus from the selling securityholders as a gift, pledge, distribution, or other transfer, may, from time to time, sell, transfer, distribute, or otherwise dispose of certain of their securities on any stock exchange, market, or trading facility on which securities are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market prices, at varying prices determined at the time of sale, or at negotiated prices.

The selling securityholders may use any one or more of the following methods when disposing of its securities or interests therein:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- one or more underwritten offerings;
- block trades in which the broker-dealer will attempt to sell the securities as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its accounts;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- distributions to its members, partners, or shareholders;
- short sales effected after the date of the registration statement of which this prospectus forms a part is declared effective by the SEC;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- in market transactions, including transactions on a national securities exchange or quotations service or over-the-counter market;
- directly to one or more purchasers;
- through agents;
- through broker-dealers who may agree with the selling securityholders to sell a specified number of such securities at a stipulated price per ADS or ordinary share; or
- a combination of any such methods of sale.

The selling securityholders may, from time to time, pledge or grant a security interest in some securities owned by it and, if the selling securityholders defaults in the performance of its secured obligations, the pledgees or secured parties may offer and sell such securities, from time to time, under this prospectus, or under an amendment or supplement to this prospectus amending the list of the selling securityholders to include the pledgee, transferee, or other successors-in-interest as the selling securityholders under this prospectus. The selling securityholders also may transfer securities in other circumstances, in which case the transferees, pledgees, or other successors-in-interest will be the selling beneficial owners for purposes of this prospectus.

In connection with the sale of securities or interests therein, the selling securityholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of such securities in the course of hedging the positions they assume. The selling securityholders may also sell securities short and deliver these securities to close out their short positions, or loan or pledge securities to broker-dealers

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that in turn may sell these securities. The selling securityholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities that require the delivery to such broker-dealer or other financial institution of securities offered by this prospectus, which securities such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The aggregate proceeds to the selling securityholders from the sale of securities offered by it will be the purchase price of such securities, less discounts or commissions, if any. The selling securityholders reserves the right to accept and, together with its agents from time to time, to reject, in whole or in part, any proposed purchase of securities to be made directly or through agents. We will not receive any of the proceeds from any offering by the selling securityholders.

The selling securityholders also may in the future resell a portion of the securities in open-market transactions in reliance upon Rule 144 under the Securities Act (provided that it meets the criteria and conform to the requirements of that rule), or pursuant to other available exemptions from the registration requirements of the Securities Act.

The selling securityholders and any underwriters, broker-dealers, or agents that participate in the sale of securities or interests therein may be “underwriters” within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions, or profit they earn on any resale of such securities may be underwriting discounts and commissions under the Securities Act. If the selling securityholders are an “underwriter” within the meaning of Section 2(11) of the Securities Act, then the selling securityholders will be subject to the prospectus delivery requirements of the Securities Act. Underwriters and their controlling persons, dealers, and agents may be entitled, under agreements entered into with us and the selling securityholders, to indemnification against and contribution toward specific civil liabilities, including liabilities under the Securities Act.

To the extent required, the number of securities to be sold, the respective purchase prices and public offering prices, the names of any agent, dealer, or underwriter, and any applicable discounts, commissions, concessions, or other compensation with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

To facilitate the offering of securities offered by the selling securityholders, certain persons participating in the offering may engage in transactions that stabilize, maintain, or otherwise affect the price of the securities. This may include over-allotments or short sales, which involve the sale by persons participating in the offering of more securities than were sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option, if any. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

Under the registration rights agreement by and between the Company and the selling securityholders, dated as of November 6, 2021 and February 6, 2024, respectively, or the Registration Rights Agreements, we have agreed to indemnify the selling securityholders against certain liabilities that it may incur in connection with the sale of the securities registered hereunder, including liabilities under the Securities Act, and to contribute to payments that the selling securityholders may be required to make with respect thereto. In addition, we and the selling securityholders may agree to indemnify any underwriter, broker-dealer, or agent against certain liabilities related to the selling of the securities, including liabilities arising under the Securities Act.

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We have agreed to maintain the effectiveness of the registration statement of which this prospectus forms a part until all such securities have been sold under such registration statement or under Rule 144 under the Securities Act or are no longer outstanding, or under other circumstances as described in the Registration Rights Agreement. We have agreed to pay all expenses in connection with this offering, other than underwriting fees, discounts, selling commissions, stock transfer taxes, and certain legal expenses. The selling securityholders will pay, on a pro rata basis, any underwriting fees, discounts, selling commissions, stock transfer taxes, and certain legal expenses relating to the offering.

The selling securityholders may use this prospectus in connection with resales of securities. This prospectus and any accompanying prospectus supplement will identify the selling securityholders, the terms of the securities, and any material relationships between us and the selling securityholders. The selling securityholders may be deemed to be an underwriter under the Securities Act in connection with Securities it resells and any profits on the sales may be deemed to be underwriting discounts and commissions under the Securities Act. Unless otherwise set forth in a prospectus supplement, the selling securityholders will receive all the net proceeds from the resale of securities.

The selling securityholders may elect to make an in-kind distribution of securities to its members, partners, or shareholders pursuant to the registration statement of which this prospectus forms a part by delivering a prospectus. To the extent that such members, partners, or shareholders are not affiliates of ours, such members, partners, or shareholders would thereby receive freely tradable securities pursuant to the distribution through a registration statement.

DESCRIPTION OF SHARE CAPITAL AND ARTICLES OF ASSOCIATION

For information regarding our share capital and articles of association, please refer to the description of our securities filed as Exhibit 4.3 to our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, filed with the SEC on March 20, 2025, and the full text of our articles of association, filed as Exhibit 3.1 to the registration statement of which this prospectus forms a part, as well as any amendments thereto reflected in our subsequent filings with the SEC, all of which are incorporated by reference herein.

SELLING SECURITYHOLDERS

The ADSs being offered by the selling securityholders are those that we (1) (a) sold to Blackstone pursuant to a securities purchase agreement, or the Blackstone Securities Purchase Agreement, or (b) may be issued to Blackstone upon exercise of a warrant, or the Blackstone Warrant, each of which we entered into with Blackstone on November 6, 2021, concurrently with a registration rights agreement, or the Blackstone Registration Rights Agreement, and a strategic collaboration and financing agreement, or (2) sold to BioNTech in February 2024 pursuant to a securities purchase agreement entered into concurrently with a registration rights agreement, letter agreement and a license and option agreement, collectively, the BioNTech Agreements. For additional information regarding the Blackstone Securities Purchase Agreement, the Blackstone Warrant and our relationship with Blackstone, see “Major Shareholders and Related Party Transactions—Related party transactions—Transactions with Entities Affiliated with Blackstone” in Item 7.B of our Annual Report on Form 20-F for the fiscal year ended December 31, 2022, and for additional information regarding BioNTech Agreements and our relationship with BioNTech, see “Business—Our License and Option Agreement with BioNTech SE” in Part I, Item 1 of our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, as well as any amendments thereto disclosed in our subsequent filings with the SEC. We are registering the ADSs in order to permit the selling securityholders to offer ordinary shares in the form of ADSs for resale from time to time.

The table below sets forth, to our knowledge, information about the selling securityholders as of March 1, 2025.

We do not know when or in what amounts the selling securityholders may offer ordinary shares (including in the form of ADSs) registered for resale pursuant to the registration statement of which this prospectus forms a part, and the selling securityholders might not sell any or all of such shares. Because the selling securityholders may offer all or some of such ordinary shares and because there are currently no agreements or understandings with respect to the sale of any ordinary shares, we cannot estimate the number of ordinary shares that will be held by the selling securityholders after completion of this offering. However, for purposes of this table, we have assumed that, after completion of this offering, none of such ordinary shares will be held by the selling securityholders.

Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to shares of our ordinary shares (including in the form of ADSs), including ordinary shares beneficially owned pursuant to outstanding options, warrants and other derivative securities that are exercisable or exchangeable for our ordinary shares within 60 days of March 1, 2025. The inclusion of any shares in this table does not constitute an admission of beneficial ownership.

The selling securityholders may have sold or transferred some or all of their ordinary shares since the date on which the information in the table below is presented. Information about the selling securityholders may change over time.

Name of Selling Securityholders	Number of Shares Beneficially Owned Prior to the Offering (1)	Percentage of Shares Beneficially Owned Prior to the Offering (1)	Number of Shares Registered for Sale Hereby	Number of Shares Beneficially Owned After the Offering (1)	Percentage of Shares Beneficially Owned After the Offering (1)
BioNTech SE	33,333,333	12.5%	33,333,333 (2)	—	—
BXLS V - Autobahn L.P.	23,750,917	8.9%	21,250,917 (3)	—	—

(1) This table is based upon information supplied by the selling securityholders, which information may not be accurate as of the date hereof. We have determined beneficial ownership in accordance with the rules of the SEC. Except as indicated by the footnotes below, we believe, based on the information furnished to us, that the selling securityholders named in the table above has sole voting and investment power with respect to all ordinary shares that it beneficially owns, subject to applicable community property laws. Applicable

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percentages are based on 266,125,337 shares outstanding on March 1, 2025, adjusted as required by rules promulgated by the SEC.

- (2) The securities to be registered for sale hereunder consist of 33,333,333 ordinary shares in the form of ADSs. BioNTech SE is a *Societas Europaea* organized under the laws of Germany. BioNTech SE's address is An der Goldgrube 12, D-55131 Mainz, Germany.
- (3) The ADSs to be registered for sale hereunder consist of 21,250,917 ADSs, representing 21,250,917 ordinary shares of the Company. These shares consist of (i) 17,985,611 ADSs and (ii) an aggregate of 3,265,306 ADSs that are issuable upon the exercise of outstanding warrants to purchase our ADSs held by Blackstone. Blackstone Life Sciences Associates V (CYM) L.L.C. ("Autobahn GP") is the general partner of BXLS V—Autobahn L.P. ("BLXS V"). Blackstone Clarus GP L.L.C. is the general partner of Autobahn GP. The sole member of Blackstone Clarus GP L.L.C. is Blackstone Holdings I L.P. The general partner of Blackstone Holdings I L.P. is Blackstone Holdings I/II GP L.L.C. The sole member of Blackstone Holdings I/II GP L.L.C. is Blackstone Inc. The sole holder of the Series II preferred stock of Blackstone Inc. is Blackstone Group Management L.L.C. Blackstone Group Management L.L.C. is wholly-owned by Blackstone's senior managing directors and controlled by its founder, Stephen A. Schwarzman. The address of the principal business office of BLXS V and Autobahn GP is 101 Main Street, Suite 1210, Cambridge, MA 02142. The address of the principal business office of each of the other Blackstone entities and Mr. Schwarzman is c/o Blackstone Inc., 345 Park Avenue, New York, NY 10154.

TAXATION

The following summary contains a description of material U.K. and U.S. federal income tax consequences of the acquisition, ownership and disposition of our ADSs. This summary should not be considered a comprehensive description of all the tax considerations that may be relevant to beneficial owners of ADSs.

Material U.S. Federal Income Tax Considerations for U.S. Holders

The following is a description of the material U.S. federal income tax consequences to the U.S. Holders (as defined below) of owning and disposing of our ADSs. It is not a comprehensive description of all tax considerations that may be relevant to a particular person's decision to acquire securities. This discussion applies only to a U.S. Holder that holds our ADSs as a capital asset for tax purposes within the meaning of Section 1221 of the Internal Revenue Code of 1986, as amended, or the Code, (generally, property held for investment). In addition, it does not describe all of the tax consequences that may be relevant in light of a U.S. Holder's particular circumstances, including state and local tax consequences, estate tax consequences, alternative minimum tax consequences, the potential application of the Medicare contribution tax, and tax consequences applicable to U.S. Holders subject to special rules, such as

- banks, insurance companies, and certain other financial institutions;
- U.S. expatriates and certain former citizens or long-term residents of the United States;
- dealers or traders in securities who use a mark-to-market method of tax accounting;
- persons holding ADSs as part of a hedging transaction, "straddle," wash sale, conversion transaction or integrated transaction or persons entering into a constructive sale with respect to ADSs;
- persons whose "functional currency" for U.S. federal income tax purposes is not the U.S. dollar;
- brokers, dealers or traders in securities, commodities or currencies;
- tax-exempt entities or government organizations;
- S corporations, partnerships, or other entities or arrangements classified as partnerships for U.S. federal income tax purposes (and investors therein);
- regulated investment companies or real estate investment trusts;
- tax qualified retirement plans;
- persons who acquired ADSs pursuant to the exercise of any employee share option or otherwise as compensation;
- persons that own or are deemed to own 10 percent or more of our shares including shares represented by ADSs (by vote or value); and
- persons holding our ADSs in connection with a trade or business, permanent establishment, or fixed base outside the United States.

If an entity that is classified as a partnership for U.S. federal income tax purposes holds ADSs, the U.S. federal income tax treatment of a partner will generally depend on the status of the partner and the activities of the partnership.

Partnerships holding ADSs and partners in such partnerships are encouraged to consult their tax advisers as to the particular U.S. federal income tax consequences of holding and disposing of ADSs.

U.S. Holders that own (directly, indirectly, or constructively through the application of attribution rules) 10% or more of our total combined voting power or value could be subject to adverse U.S. federal income tax

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consequences pursuant to the controlled foreign corporation rules due to our ownership of a U.S. subsidiary. Such prospective holders should consult with their tax advisors as to the tax consequences of acquiring, owning and disposing of our ADSs.

The discussion is based on the Code, administrative pronouncements, judicial decisions, final, temporary and proposed Treasury Regulations, and the income tax treaty between the United Kingdom and the United States, or the Treaty, all as of the date hereof, changes to any of which may affect the tax consequences described herein- possibly with retroactive effect.

A “U.S. Holder” is a holder who, for U.S. federal income tax purposes, is a beneficial owner of ADSs who is eligible for the benefits of the Treaty and is:

(i) a citizen or individual resident of the United States;

(ii) a corporation, or other entity taxable as a corporation, created or organized in or under the laws of the United States, any state therein or the District of Columbia;

(iii) an estate the income of which is subject to U.S. federal income taxation regardless of its source; or

(iv) a trust if (1) a U.S. court is able to exercise primary supervision over the administration of the trust and one or more U.S. persons have authority to control all substantial decisions of the trust or (2) the trust has a valid election to be treated as a U.S. person under applicable U.S. Treasury Regulations.

U.S. Holders are encouraged to consult their tax advisers concerning the U.S. federal, state, local and foreign tax consequences of owning and disposing of ADSs in their particular circumstances.

THESE PARAGRAPHS ARE A SUMMARY OF CERTAIN U.S. TAX CONSIDERATIONS AND ARE INTENDED AS A GENERAL GUIDE ONLY. IT IS RECOMMENDED THAT ALL HOLDERS OF ADSs OBTAIN ADVICE AS TO THE CONSEQUENCES OF THE ACQUISITION, OWNERSHIP AND DISPOSAL OF THE ADSs IN THEIR OWN SPECIFIC CIRCUMSTANCES FROM THEIR OWN TAX ADVISORS.

The discussion below assumes that the representations contained in the deposit agreement are true and that the obligations in the deposit agreement and any related agreement will be complied with in accordance with their terms. A U.S. Holder of ADSs will generally be treated for U.S. federal income tax purposes as the beneficial owner of the underlying ordinary shares that such ADSs represent. The remainder of this discussion assumes that a U.S. Holder of the ADSs will be treated in this manner. Accordingly, no gain or loss will be recognized if a U.S. Holder exchanges ADSs for the underlying shares represented by those ADSs.

Passive Foreign Investment Company Rules

If we are classified as a passive foreign investment company, or a PFIC in any taxable year, a U.S. Holder will be subject to special rules generally intended to reduce or eliminate any benefits from the deferral of U.S. federal income tax that a U.S. Holder could derive from investing in a non-U.S. company that does not distribute all of its earnings on a current basis.

A non-U.S. corporation will be classified as a PFIC for any taxable year in which, after applying certain look-through rules, either:

- at least 75% of its gross income is passive income (such as interest income); or
- at least 50% of its gross assets (determined on the basis of a weighted quarterly average) is attributable to assets that produce passive income or are held for the production of passive income.

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We will be treated as owning our proportionate share of the assets and earning our proportionate share of the income of any other corporation, the equity of which we own, directly or indirectly, 25% or more (by value).

We believe we were not a PFIC for our taxable year ended December 31, 2024. However, the determination of whether we are a PFIC is a fact-intensive determination made on an annual basis and the applicable law is subject to varying interpretation. In particular, the characterization of our assets as active or passive may depend in part on our current and intended future business plans, which are subject to change. In addition, for our current and future taxable years, the total value of our assets for PFIC testing purposes may be determined in part by reference to the market price of our ordinary shares or ADSs from time to time, which may fluctuate considerably.

Under the income test, our status as a PFIC depends on the composition of our income which will depend on the transactions we enter into in the future and our corporate structure. The composition of our income and assets is also affected by how, and how quickly, we spend the cash we raise in any offering. Even if we determine that we are not a PFIC for a taxable year, there can be no assurance that the Internal Revenue Service (“IRS”), will agree with our conclusion and that the IRS would not successfully challenge our position. Accordingly, our U.S. counsel expresses no opinion with respect to our PFIC status for our taxable year ended December 31, 2024, or any future taxable year.

If we are classified as a PFIC in any year with respect to which a U.S. Holder owns ADSs, we will continue to be treated as a PFIC with respect to such U.S. Holder in all succeeding years during which the U.S. Holder owns the ADSs, regardless of whether we continue to meet the tests described above unless (i) we cease to be a PFIC and the U.S. Holder has made a “deemed sale” election under the PFIC rules, (ii) we cease to be a PFIC and the U.S. Holder has a valid mark-to-market election in effect (as described below) or (iii) the U.S. Holder makes a Qualified Electing Fund Election, or QEF Election, with respect to all taxable years during such U.S. Holders holding period in which we are a PFIC.

If a U.S. Holder makes an effective QEF Election, the U.S. Holder will be required to include in gross income each year, whether or not we make distributions, as capital gains, such U.S. Holder’s pro rata share of our net capital gains and, as ordinary income, such U.S. Holder’s pro rata share of our earnings in excess of our net capital gains. However, a U.S. Holder can only make a QEF election with respect to ADSs in a PFIC if such company agrees to furnish such U.S. Holder with certain tax information annually. For any year in which we determine that we are a PFIC, we intend to provide U.S. Holders on our website such information as the IRS may require, including a PFIC annual information statement, in order to enable U.S. Holders to make a QEF Election. However, there is no assurance that we will have timely knowledge of our status as a PFIC in the future or that the required information will be provided at a time that will permit a U.S. Holder to make or maintain a QEF Election. An electing U.S. Holder’s basis in ADSs will be increased to reflect the amount of any taxed but undistributed income. Distributions of income that had previously been taxed will result in a corresponding reduction of basis in the ADSs and may not be taxed again as distributions to the U.S. Holder. However, we do not currently expect to pay distributions with respect to our ADSs. U.S. Holders should consult with their tax advisors regarding the implications of owning stock in a PFIC, including whether and how to make and maintain a QEF Election.

If the “deemed sale” election is made, a U.S. Holder will be deemed to have sold the ADSs the U.S. Holder holds at their fair market value and any gain from such deemed sale would be subject to the rules described below. After the deemed sale election, so long as we do not become a PFIC in a subsequent taxable year, the U.S. Holder’s ADSs with respect to which such election was made will not be treated as shares in a PFIC and the U.S. Holder will not be subject to the rules described below with respect to any “excess distribution” the U.S. Holder receives from us or any gain from an actual sale or other disposition of the ADSs. U.S. Holders should consult their tax advisors as to the possibility and consequences of making a deemed sale election if we cease to be a PFIC and such election becomes available.

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For each taxable year we are treated as a PFIC with respect to U.S. Holders, U.S. Holders will be subject to special tax rules with respect to any “excess distribution” such U.S. Holder receives and any gain such U.S. Holder recognizes from a sale or other disposition (including a pledge) of ADSs, unless (i) such U.S. Holder makes a QEF Election with respect to all taxable years of a U.S. Holder’s holding period during which we are a PFIC or makes a purging election to cause a deemed sale of the ADSs at their fair market value in conjunction with a QEF election (however, as discussed above, such elections are expected and assumed not to be available) or (ii) our ADSs constitute “marketable” securities, and such U.S. Holder makes a mark-to-market election as discussed below. Distributions a U.S. Holder receives in a taxable year that are greater than 125% of the average annual distributions a U.S. Holder received during the shorter of the three preceding taxable years or the U.S. Holder’s holding period for the ADSs will be treated as an excess distribution. Under these special tax rules:

- the excess distribution or gain will be allocated ratably over a U.S. Holder’s holding period for the ADSs;
- the amount allocated to the current taxable year, and any taxable year prior to the first taxable year in which we became a PFIC, will be treated as ordinary income; and
- the amount allocated to each other year will be subject to the highest tax rate in effect for that year and the interest charge generally applicable to underpayments of tax will be imposed on the resulting tax attributable to each such year.

The tax liability for amounts allocated to years prior to the year of disposition or the year of an “excess distribution” cannot be offset by any net operating losses for such years, and gains (but not losses) realized on the sale of the ADSs cannot be treated as capital, even if a U.S. Holder holds the ADSs as capital assets.

If we are a PFIC, a U.S. Holder will generally be subject to similar rules with respect to distributions we receive from, and our dispositions of the stock of, any of our direct or indirect subsidiaries that also are PFICs, as if such distributions were indirectly received by, and/or dispositions were indirectly carried out by, such U.S. Holder. U.S. Holders should consult their tax advisors regarding the application of the PFIC rules to our subsidiaries.

U.S. Holders can avoid the interest charge on excess distributions or gain relating to the ADSs by making a mark-to-market election with respect to the ADSs provided that the ADSs are “marketable.” ADSs will be marketable if they are “regularly traded” on certain U.S. stock exchanges or on a foreign stock exchange that meets certain conditions. For these purposes, the ADSs will be considered regularly traded during any calendar year during which they are traded, other than in de minimis quantities, on at least 15 days during each calendar quarter. Any trades that have as their principal purpose meeting this requirement will be disregarded. Our ADSs are listed on Nasdaq, which is a qualified exchange for these purposes. Consequently, if our ADSs remain listed on Nasdaq and are regularly traded, and you are a holder of ADSs, we expect the mark-to-market election would be available to U.S. Holders if we are a PFIC. Each U.S. Holder should consult its tax advisor as to the whether a mark-to-market election is available or advisable with respect to the ADSs.

A U.S. Holder that makes a mark-to-market election must include as ordinary income for each year an amount equal to the excess, if any, of the fair market value of the ADSs at the close of the taxable year over the U.S. Holder’s adjusted tax basis in the ADSs. Accordingly, such mark-to-market election may accelerate the recognition of income without a corresponding receipt of cash. An electing holder may also claim an ordinary loss deduction for the excess, if any, of the U.S. Holder’s adjusted basis in the ADSs over the fair market value of the ADSs at the close of the taxable year, but this deduction is allowable only to the extent of any net mark-to-market gains for prior years. Gains from an actual sale or other disposition of the ADSs will be treated as ordinary income, and any losses incurred on a sale or other disposition of the ADSs will be treated as an ordinary loss to the extent of any net mark-to-market gains for prior years. Once made, the election cannot be revoked without the consent of the Internal Revenue Service, or the IRS, unless the ADSs cease to be marketable.

However, a mark-to-market election generally cannot be made for equity interests in any lower-tier PFICs that we own, unless shares of such lower-tier PFIC are themselves “marketable.” As a result, even if a U.S. Holder

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validly makes a mark-to-market election with respect to our ADSs, the U.S. Holder may continue to be subject to the PFIC rules (described above) with respect to its indirect interest in any of our investments that are treated as an equity interest in a PFIC for U.S. federal income tax purposes. U.S. Holders should consult their tax advisors as to the availability and desirability of a mark-to-market election, as well as the impact of such election on interests in any lower-tier PFICs.

Unless otherwise provided by the U.S. Treasury, each U.S. shareholder of a PFIC is required to file an annual report containing such information as the U.S. Treasury may require. A U.S. Holder's failure to file the annual report will cause the statute of limitations for such U.S. Holder's U.S. federal income tax return to remain open with regard to the items required to be included in such report until three years after the U.S. Holder files the annual report, and, unless such failure is due to reasonable cause and not willful neglect, the statute of limitations for the U.S. Holder's entire U.S. federal income tax return will remain open during such period. U.S. Holders should consult their tax advisors regarding the requirements of filing such information returns under these rules.

Taxation of Distributions

Subject to the discussion above under "Passive Foreign Investment Company Rules," distributions paid on ADSs, other than certain pro rata distributions of ADSs, will generally be treated as dividends to the extent paid out of our current or accumulated earnings and profits (as determined under U.S. federal income tax principles). Because we may not calculate our earnings and profits under U.S. federal income tax principles, we expect that distributions generally will be reported to U.S. Holders as dividends. Subject to applicable limitations, dividends paid to certain non-corporate U.S. Holders may be taxable at preferential rates applicable to "qualified dividend income." However, the qualified dividend income treatment will not apply if we are treated as a PFIC with respect to the U.S. Holder for the taxable year in which a dividend is paid or the preceding year. The amount of the dividend will be treated as foreign-source dividend income to U.S. Holders and will not be eligible for the dividends-received deduction generally available to U.S. corporations under the Code. Dividends will generally be included in a U.S. Holder's income on the date of the U.S. Holder's receipt of the dividend. The amount of any dividend income paid in foreign currency will be the U.S. dollar amount calculated by reference to the exchange rate in effect on the date of actual or constructive receipt, regardless of whether the payment is in fact converted into U.S. dollars. If the dividend is converted into U.S. dollars on the date of receipt, a U.S. Holder should not be required to recognize foreign currency gain or loss in respect of the dividend income. A U.S. Holder may have foreign currency gain or loss if the dividend is converted into U.S. dollars after the date of receipt. Such gain or loss would generally be treated as U.S.-source ordinary income or loss. The amount of any distribution of property other than cash (and other than certain pro rata distributions of ADSs or rights to acquire ADSs) will be the fair market value of such property on the date of distribution.

For foreign tax credit limitation purposes, our dividends will generally be treated as passive category income. Because no U.K. income taxes will be withheld from dividends on ADSs, there will be no creditable foreign taxes associated with any dividends that a U.S. Holder will receive.

Sale or Other Taxable Disposition of ADSs

Subject to the discussion above under "Passive Foreign Investment Company Rules," gain or loss realized on the sale or other taxable disposition of ADSs will be capital gain or loss, and will be a long-term capital gain or loss if the U.S. Holder held the ADSs for more than one year. The amount of the gain or loss will equal the difference between the U.S. Holder's tax basis in the ADSs disposed of and the amount realized on the disposition, in each case as determined in U.S. dollars. This gain or loss will generally be U.S.-source gain or loss for foreign tax credit purposes. The deductibility of capital losses is subject to limitations.

If the consideration received by a U.S. Holder is not paid in U.S. dollars, the amount realized will be the U.S. dollar value of the payment received determined by reference to the spot rate of exchange on the date of the sale or other disposition. However, if the ADSs are treated as traded on an "established securities market" and a U.S.

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Holder is either a cash basis taxpayer or an accrual basis taxpayer that has made a special election (which must be applied consistently from year to year and cannot be changed without the consent of the IRS), such U.S. Holder will determine the U.S. dollar value of the amount realized in a non-U.S. dollar currency by translating the amount received at the spot rate of exchange on the settlement date of the sale. If a U.S. Holder is an accrual basis taxpayer that is not eligible to or does not elect to determine the amount realized using the spot rate on the settlement date, such U.S. Holder will recognize foreign currency gain or loss to the extent of any difference between the U.S. dollar amount realized on the date of sale or disposition and the U.S. dollar value of the currency received at the spot rate on the settlement date.

WE STRONGLY URGE YOU TO CONSULT YOUR TAX ADVISOR REGARDING THE IMPACT OF OUR PFIC STATUS ON YOUR INVESTMENT IN THE ADSs AS WELL AS THE APPLICATION OF THE PFIC RULES TO YOUR INVESTMENT IN THE ADSs.

Information Reporting and Backup Withholding

Payments of dividends and sales proceeds that are made within the United States or through certain U.S.-related financial intermediaries generally are subject to information reporting, and may be subject to backup withholding, unless (i) the U.S. Holder is a corporation or other exempt recipient or (ii) in the case of backup withholding, the U.S. Holder provides a correct taxpayer identification number and certifies that it is not subject to backup withholding (generally, by providing a duly completed IRS Form W-9).

Backup withholding is not an additional tax. The amount of any backup withholding from a payment to a U.S. Holder will be allowed as a credit against the holder's U.S. federal income tax liability and may entitle it to a refund, provided that the required information is timely furnished to the IRS.

Information with Respect to Foreign Financial Assets

Individuals who own "specified foreign financial assets" with an aggregate value in excess of \$50,000 may be required to file an information report on IRS Form 8938, "Statement of Specified Foreign Financial Assets," with respect to such assets with their tax returns. "Specified foreign financial assets" include any financial accounts maintained by foreign financial institutions, as well as any of the following, but only if they are not held in accounts maintained by financial institutions: (i) stocks and securities issued by non-U.S. persons; (ii) financial instruments and contracts held for investment that have non-U.S. issuers or counterparties; and (iii) interests in foreign entities. Such U.S. Holders who fail to timely furnish the required information may be subject to a penalty. Additionally, if a U.S. Holder does not file the required information, the statute of limitations with respect to tax returns of the U.S. Holder to which the information relates may not close until three years after such information is filed. U.S. Holders should consult their tax advisers regarding their reporting obligations with respect to their ownership and disposition of the ADSs.

U.K. Taxation

The following is intended as a general guide to current U.K. tax law and HM Revenue & Customs, or HMRC, published practice applying as at the date of this prospectus supplement (both of which are subject to change at any time, possibly with retrospective effect) relating to the holding of ADSs. It does not constitute legal or tax advice and does not purport to be a complete analysis of all U.K. tax considerations relating to the holding of ADSs, or all of the circumstances in which holders of ADSs may benefit from an exemption or relief from U.K. taxation. It is written on the basis that we do not (and will not) directly or indirectly derive 75% or more of our qualifying asset value from U.K. land, and that we are and remain solely resident in the United Kingdom for tax purposes and will therefore be subject to the U.K. tax regime and not the U.S. tax regime save as set out above under "Material U.S. Federal Income Tax Considerations for U.S. Holders."

Except to the extent that the position of non-U.K. resident persons is expressly referred to, this guide relates only to persons who are resident for tax purposes solely in the United Kingdom and do not have a permanent

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establishment, branch, agency (or equivalent) or fixed base in any other jurisdiction with which the holding of the ADSs is connected, or U.K. Holders, who are absolute beneficial owners of the ADSs (where the ADSs are not held through an Individual Savings Account or a Self-Invested Personal Pension) and who hold the ADSs as investments.

This guide may not relate to certain classes of U.K. Holders, such as (but not limited to):

- persons who are connected with the company;
- financial institutions;
- insurance companies;
- charities or tax-exempt organizations;
- collective investment schemes;
- pension schemes;
- market makers, intermediaries, brokers or dealers in securities;
- persons who have (or are deemed to have) acquired their ADSs by virtue of an office or employment or who are or have been officers or employees of the company or any of its affiliates; and
- individuals to whom split-year treatment applies or who are subject to U.K. taxation under the U.K.'s foreign income and gains regime that came into force with effect from 6 April 2025.

The decision of the First-tier Tribunal (Tax Chamber) in *HSBC Holdings PLC and The Bank of New York Mellon Corporation v HMRC (2012)* cast some doubt on whether a holder of a depositary receipt is the beneficial owner of the underlying shares. However, based on published HMRC guidance we would expect that HMRC will regard a holder of ADSs as holding the beneficial interest in the underlying shares and therefore these paragraphs assume that a holder of ADSs is the beneficial owner of the underlying ordinary shares and any dividends paid in respect of the underlying ordinary shares (where the dividends are regarded for U.K. purposes as that person's own income) for U.K. direct tax purposes.

THESE PARAGRAPHS ARE A SUMMARY OF CERTAIN U.K. TAX CONSIDERATIONS AND ARE INTENDED AS A GENERAL GUIDE ONLY. IT IS RECOMMENDED THAT ALL HOLDERS OF ADSs OBTAIN ADVICE AS TO THE CONSEQUENCES OF THE ACQUISITION, OWNERSHIP AND DISPOSAL OF THE ADSs IN THEIR OWN SPECIFIC CIRCUMSTANCES FROM THEIR OWN TAX ADVISORS. IN PARTICULAR, NON-U.K. RESIDENT OR DOMICILED PERSONS ARE ADVISED TO CONSIDER THE POTENTIAL IMPACT OF ANY RELEVANT DOUBLE TAXATION AGREEMENTS.

Dividends

Withholding Tax

Dividends paid by us will not be subject to any withholding or deduction for or on account of U.K. tax.

Income Tax

An individual U.K. Holder may, depending on his or her particular circumstances, be subject to U.K. tax on dividends received from the company. An individual holder of ADSs who is not resident for tax purposes in the United Kingdom should not be chargeable to U.K. income tax on dividends received from the company unless he or she carries on (whether solely or in partnership) a trade, profession or vocation in the United Kingdom through a branch or agency to which the ADSs are attributable. There are certain exceptions for trading in the United Kingdom through independent agents, such as some brokers and investment managers.

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All dividends received by an individual U.K. Holder from us or from other sources will form part of that U.K. Holder's total income for income tax purposes and will constitute the top slice of that income. A nil rate of income tax will apply to the first £500 of taxable dividend income received by the individual U.K. Holder in the tax year 2025/2026. Income within the nil rate band will be taken into account in determining whether income in excess of the £500 tax-free allowance falls within the basic rate, higher rate or additional rate tax bands. Dividend income in excess of the tax-free allowance will (subject to the availability of any income tax personal allowance) be taxed at 8.75% to the extent that the excess amount falls within the basic rate tax band, 33.75% to the extent that the excess amount falls within the higher rate tax band and 39.35% to the extent that the excess amount falls within the additional rate tax band.

Corporation Tax

A corporate holder of ADSs who is not resident for tax purposes in the United Kingdom should not be chargeable to U.K. corporation tax on dividends received from us unless it carries on (whether solely or in partnership) a trade in the United Kingdom through a permanent establishment to which the ADSs are attributable.

Corporate U.K. Holders should not be subject to U.K. corporation tax on any dividend received from us so long as the dividends qualify for exemption, which should be the case, although certain conditions must be met. If the conditions for the exemption are not satisfied, or such U.K. Holder elects for an otherwise exempt dividend to be taxable, U.K. corporation tax will be chargeable on the amount of any dividends (at the main rate of 25% for companies with profits in excess of £250,000, or the small profits rate of 19% for companies with profits of £50,000 or less, with marginal relief from the main rate available to companies with profits between £50,000 and £250,000 subject to meeting certain criteria).

Chargeable Gains

A disposal or deemed disposal of ADSs by a U.K. Holder may, depending on the U.K. Holder's circumstances and subject to any available exemptions or reliefs (such as the annual exemption), give rise to a chargeable gain or an allowable loss for the purposes of U.K. capital gains tax and corporation tax on chargeable gains.

If an individual U.K. Holder who is subject to U.K. income tax at either the higher or the additional rate is liable to U.K. capital gains tax on the disposal of ADSs, the current applicable rate will be 24%. For an individual U.K. Holder who is subject to U.K. income tax at the basic rate and liable to U.K. capital gains tax on such disposal, the current applicable rate would be 18%, save to the extent that any capital gains, when aggregated with the U.K. Holder's other taxable income and gains in the relevant tax year, exceed the unused basic rate tax band. In that case, the rate currently applicable to the excess would be 24%.

If a corporate U.K. Holder becomes liable to U.K. corporation tax on the disposal (or deemed disposal) of ADSs, U.K. corporation tax would apply (at the main rate of 25% for companies with profits in excess of £250,000, or the small profits rate of 19% for companies with profits of £50,000 or less, with marginal relief from the main rate available to companies with profits between £50,000 and £250,000 subject to meeting certain criteria).

A holder of ADSs which is not resident for tax purposes in the United Kingdom should not normally be liable to U.K. capital gains tax or corporation tax on chargeable gains on a disposal (or deemed disposal) of ADSs unless the person is carrying on (whether solely or in partnership) a trade, profession or vocation in the United Kingdom through a branch or agency (or, in the case of a corporate holder of ADSs, through a permanent establishment) to which the ADSs are attributable. However, an individual holder of ADSs who has ceased to be resident for tax purposes in the United Kingdom for a period of less than five years and who disposes of ADSs during that period may be liable on his or her return to the United Kingdom to U.K. tax on any capital gain realized (subject to any available exemption or relief).

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Stamp Duty and Stamp Duty Reserve Tax

The discussion below relates to the holders of our ordinary shares or ADSs wherever resident, however it should be noted that special rules may apply to certain persons such as market makers, brokers, dealers or intermediaries.

Issue of Ordinary Shares

No U.K. stamp duty or stamp duty reserve tax, or SDRT, is payable on the issue of the underlying ordinary shares in the company.

Transfers of Ordinary Shares

An unconditional agreement to transfer ordinary shares in certificated form will normally give rise to a charge to SDRT at the rate of 0.5% of the amount or value of the consideration payable for the transfer. The purchaser of the shares is liable for the SDRT. Transfers of ordinary shares in certificated form are generally also subject to stamp duty at the rate of 0.5% of the amount or value of the consideration given for the transfer (rounded up to the next £5.00). Stamp duty is normally paid by the purchaser. The charge to SDRT will be canceled or, if already paid, repaid (generally with interest), where a transfer instrument has been duly stamped within six years of the charge arising (either by paying the stamp duty or by claiming an appropriate relief) or if the instrument is otherwise exempt from stamp duty.

An unconditional agreement to transfer ordinary shares to, or to a nominee or agent for, a person whose business is or includes the issue of depositary receipts or the provision of clearance services will generally be subject to SDRT (or, where the transfer is effected by a written instrument, stamp duty) at a higher rate of 1.5% of the amount or value of the consideration given for the transfer unless the clearance service has made and maintained an election under section 97A of the U.K. Finance Act 1986, or a section 97A election. It is understood that HMRC regards the facilities of DTC as a clearance service for these purposes and we are not aware of any section 97A election having been made by DTC.

However, no stamp duty or SDRT is payable where the transfer of ordinary shares to a clearance service or depositary receipt system satisfies the conditions of an exemption, which will generally be the case if the transfer occurs in the course of qualifying capital-raising arrangements.

Any stamp duty or SDRT payable on a transfer of ordinary shares to a depositary receipt system or clearance service will in practice generally be paid by the transferors or participants in the clearance service or depositary receipt system.

Issue of ADSs

No U.K. stamp duty or SDRT is payable on the issue of ADSs in the company.

Transfers of ADSs

No SDRT should be required to be paid on a paperless transfer of ADSs through the clearance service facilities of DTC, provided that no section 97A election has been made by DTC, and such ADSs are held through DTC at the time of any agreement for their transfer.

No U.K. stamp duty will in practice be payable on a written instrument transferring an ADS provided that the instrument of transfer is executed and remains at all times outside the United Kingdom. Where these conditions are not met, the transfer of, or agreement to transfer, an ADS could, depending on the circumstances, attract a charge to U.K. stamp duty at the rate of 0.5% of the amount or value of the consideration. If it is necessary to pay stamp duty, it may also be necessary to pay interest and penalties.

LEGAL MATTERS

The validity of our ordinary shares, including ordinary shares in the form of ADSs, being offered by this prospectus and certain other matters of English law will be passed upon for us by Cooley (UK) LLP.

EXPERTS

The consolidated financial statements of Autolus Therapeutics plc appearing in Autolus Therapeutics plc's Annual Report on Form 10-K for the year ended December 31, 2024 have been audited by Ernst & Young LLP (PCAOB ID: 01438), independent registered public accounting firm, as set forth in their report thereon, included therein, and incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

The registered business address of Ernst & Young LLP is R+ Building, 2 Blgrave Street, Reading RG1 1AZ, United Kingdom.

SERVICE OF PROCESS AND ENFORCEMENT OF LIABILITIES

We are incorporated and currently existing under the laws of England and Wales. In addition, certain of our directors and officers reside outside of the United States. As a result, it may be difficult for investors to effect service of process on us or those persons in the United States or to enforce in the United States judgments obtained in United States courts against us or those persons based on the civil liability or other provisions of the United States securities laws or other laws. In addition, uncertainty exists as to whether the courts of England and Wales would:

- recognize or enforce judgments of United States courts obtained against us or our directors or officers predicated upon the civil liabilities provisions of the securities laws of the United States or any state in the United States; or
- entertain original actions brought in England and Wales against us or our directors or officers predicated upon the securities laws of the United States or any state in the United States.

We have been advised by Cooley LLP and Cooley (UK) LLP that there is currently no treaty between (i) the United States and (ii) England and Wales providing for reciprocal recognition and enforcement of judgments of United States courts in civil and commercial matters (although the United States and the United Kingdom are both parties to the New York Convention on the Recognition and Enforcement of Foreign Arbitral Awards) and that a final judgment for the payment of money rendered by any general or state court in the United States based on civil liability, whether predicated solely upon the United States securities laws, would not be automatically enforceable in England and Wales. We have also been advised by Cooley LLP and Cooley (UK) LLP that any final and conclusive monetary judgment for a definite sum obtained against us in United States courts would be treated by the courts of England and Wales as a cause of action in itself and sued upon as a debt at common law so that no retrial of the issues would be necessary, provided that:

- the relevant U.S. court had jurisdiction over the original proceedings according to English conflicts of laws principles at the time when proceedings were initiated;
- the claimant commenced proceedings in the courts of England and Wales and we were duly served with process;
- the U.S. judgment was final and conclusive on the merits in the sense of being final and unalterable in the court that pronounced it and being for a definite sum of money;
- the judgment given by the courts was not in respect of penalties, taxes, fines or similar fiscal or revenue obligations (or otherwise based on a U.S. law that an English court considers to relate to a penal, revenue or other public law), or for a declaration or injunction;
- the judgment was not procured by fraud;
- recognition or enforcement of the judgment in England and Wales would not be contrary to public policy or the Human Rights Act 1998;
- the proceedings pursuant to which judgment was obtained were not contrary to natural justice;
- the U.S. judgment was not arrived at by doubling, trebling or otherwise multiplying a sum assessed as compensation for the loss or damages sustained and not being otherwise in breach of Section 5 of the U.K. Protection of Trading Interests Act 1980, or is a judgment based on measures designated by the Secretary of State under Section 1 of that Act;
- there is not a prior decision of an English court or the court of another jurisdiction on the issues in question between the same parties; and
- the English enforcement proceedings were commenced within the limitation period.

Whether these requirements are met in respect of a judgment based upon the civil liability provisions of the United States securities laws, including whether the award of monetary damages under such laws would constitute a penalty, is an issue for the court making such decision.

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Subject to the foregoing, investors may be able to enforce in England and Wales judgments in civil and commercial matters that have been obtained from U.S. federal or state courts. Nevertheless, we cannot assure you that those judgments will be recognized or enforceable in England and Wales.

If an English court gives judgment for the sum payable under a U.S. judgment, the English judgment will be enforceable by methods generally available for this purpose. These methods generally permit the English court discretion to prescribe the manner of enforcement.

In addition, it may not be possible to obtain an English judgment or to enforce that judgment if we are or become subject to any insolvency or similar proceedings, or if we have any set-off or counterclaim against the judgment creditor. Also note that, in any enforcement proceedings, we may raise any counterclaim that could have been brought if the action had been originally brought in England unless the subject of the counterclaim was in issue and denied in the U.S. proceedings.

WHERE YOU CAN FIND MORE INFORMATION

We voluntarily file periodic reports on the forms for U.S. domestic issuers, such as annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, which are more detailed and extensive in certain respects, and which must be filed more promptly, than the forms currently available to foreign private issuers. Despite our election to voluntarily file on U.S. domestic issuer forms, we maintain our status as a foreign private issuer, and accordingly we are exempt from, among other things, the rules under the Exchange Act prescribing the furnishing and content of proxy statements and our officers, directors and principal shareholders are exempt from the reporting and short-swing profit recovery provisions contained in Section 16 of the Exchange Act.

The SEC maintains a website that contains reports and information statements and other information about issuers, such as us, who file electronically with the SEC. The address of that website is www.sec.gov.

We also maintain a website at www.autolus.com through which you can access our SEC filings. The information set forth on our website is not part of this prospectus.

INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” information into this prospectus and any accompanying prospectus supplement the information we have filed with the SEC. Incorporation by reference allows us to disclose important information to you by referring you to those other documents. The information incorporated by reference is an important part of this prospectus, and information that we file later with the SEC will also be deemed to be incorporated by reference into this prospectus and to be a part hereof from the date of filing of such documents and will automatically update and supersede previously filed information, including information contained in this document.

This prospectus and any accompanying prospectus supplement incorporate by reference the documents set forth below that have previously been filed with the SEC:

- Our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, filed with the SEC on [March 20, 2025](#);
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2025, filed with the SEC on [May 8, 2025](#);
- Our Current Reports on Form 8-K filed with the SEC on [April 3, 2025](#); and
- The description of our ordinary shares and ADSs contained in our Registration Statement on [Form 8-A](#), as filed with the SEC under Section 12(b) of the Exchange Act on June 19, 2018, including any amendment or report filed for the purpose of updating such description (File No. 001-38547).

We are also incorporating by reference all subsequent Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and certain reports on Form 8-K (other than portions of current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items) that we file with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus (if they state that they are incorporated by reference into this prospectus) prior to the termination of the offering of securities under the registration statement of which this prospectus forms a part. In all cases, you should rely on the later information over different information included in this prospectus or any accompanying prospectus supplement.

Unless expressly incorporated by reference, nothing in this prospectus shall be deemed to incorporate by reference information furnished to, but not filed with, the SEC. Copies of all documents incorporated by reference in this prospectus, other than exhibits to those documents unless such exhibits are specifically incorporated by reference in this prospectus, will be provided at no cost to each person, including any beneficial owner, who receives a copy of this prospectus on the written or oral request of that person made to:

Autolus Therapeutics plc
The MediaWorks
191 Wood Lane
White City
London W12 7FP
United Kingdom
+44 20 3829 6230

You may also access these documents on our website, www.autolus.com. The information contained on, or that can be accessed through, our website is not a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

You should rely only on information contained in, or incorporated by reference into, this prospectus. We have not authorized anyone to provide you with information different from that contained in this prospectus or incorporated by reference in this prospectus. We are not making offers to sell the securities in any jurisdiction in

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which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation. You should not assume that the information in this prospectus is accurate as of any date other than the date on the front page of this prospectus, regardless of the time of delivery of this prospectus or any sale of the securities offered by this prospectus. Any statement contained in this prospectus or contained in a document incorporated or deemed to be incorporated by reference into this prospectus will be deemed to be modified or superseded to the extent that a statement contained in this prospectus or any subsequently filed supplement to this prospectus, or document deemed to be incorporated by reference into this prospectus, modifies or supersedes such statement.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the various expenses to be incurred in connection with the sale and distribution of the securities being registered hereby, all of which will be borne by the registrant (except any underwriting discounts and commissions and expenses incurred by the selling securityholders for brokerage, accounting, tax or legal services or any other expenses incurred by the selling securityholders in disposing of its shares). All amounts shown are estimates except the SEC registration fee.

SEC registration fee	\$39,171.48(1)
Legal fees and expenses	250,000
Accounting fees and expenses	50,000
Miscellaneous expenses	60,828.52
Total	<u>\$ 400,000</u>

(1) Includes fees previously paid.

Item 15. Indemnification of Directors and Officers.

Subject to the U.K. Companies Act 2006, members of the registrant's board of directors and its officers have the benefit of the following indemnification provisions in the registrant's articles of association:

Current and former members of the registrant's board of directors or officers shall be indemnified against all relevant loss, including any liability incurred by him in defending any civil or criminal proceedings, in which judgment is given in his favour or in which he is acquitted or the proceedings are otherwise disposed of without any finding or admission of any material breach of duty on his part or in connection with any application in which the court grants him relief from liability for negligence, default, breach of duty or breach of trust in relation to the registrant's or the group's affairs. In the case of current or former members of the registrant's board of directors, in compliance with the U.K Companies Act of 2006, there shall be no entitlement to reimbursement as referred to above for (i) any liability incurred to the registrant or any associated company, (ii) the payment of a fine imposed in any criminal proceeding or a penalty imposed by a regulatory authority for non-compliance with any requirement of a regulatory nature, (iii) the defense of any criminal proceeding if the member of the registrant's board of directors is convicted, (iv) the defense of any civil proceeding brought by the registrant or an associated company in which judgment is given against the director, and (v) any application for relief under the statutes of the United Kingdom and any other statutes that concern and affect the registrant as a company in which the court refuses to grant relief to the director.

The registrant may provide any current or former director or officer with funds to meet expenditure incurred or to be incurred by them in connection with any proceedings or application referred to above and otherwise may take any action to enable any such relevant officer to avoid incurring such expenditure.

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Item 16. Exhibits.

The following exhibits are filed with this registration statement or are incorporated herein by reference.

<u>EXHIBIT NUMBER</u>	<u>DESCRIPTION OF EXHIBIT</u>	<u>INCORPORATED BY REFERENCE</u>			
		<u>SCHEDULE/FORM</u>	<u>FILE NUMBER</u>	<u>EXHIBIT</u>	<u>FILE DATE</u>
3.1	Articles of Association of Autolus Therapeutics plc.	Form F-1/A	333-224720	3.1	6/19/18
4.1	Deposit Agreement by and among the registrant, Citibank, N.A., as the Depository bank and the holders and beneficial owners of American Depository Shares issued thereunder.	Form 20-F	001-38547	2.1	2/25/19
4.2	Form of American Depository Receipt (included in exhibit 4.1).	Form 20-F	001-38547	2.2	2/25/19
4.3	Registration Rights Agreement by and among the registrant and the investors named therein, dated as of June 26, 2018.	Form 20-F	001-38547	2.3	11/23/18
4.4	Registration Rights Agreement by and among the registrant and BXLS V Autobahn L.P., dated as of November 6, 2021.	Form 6-K	001-38547	99.2	11/8/21
4.5	Registration Rights Agreement by and among the registrant and BioNTech SE, dated as of February 6, 2024.	Form 8-K	001-38547	10.2	2/8/24
4.6	Warrant issued to BXLS V—Autobahn L.P. dated November 6, 2021.	Form 6-K	001-38547	99.3	11/8/21
5.1	Opinion of Cooley (UK) LLP.				
23.1	Consent of Ernst & Young LLP, independent registered public accounting firm.				
23.2	Consent of Cooley (UK) LLP (included in exhibit 5.1).				
24.1	Power of Attorney (included on signature page to registration statement).				
107	Filing Fee Table				

Item 17. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information in the registration statement. Notwithstanding the foregoing,

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any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the Filing Fee Table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

provided, however, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's Annual Report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's Annual Report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(6) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification

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is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-1 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of London, United Kingdom, on May 8, 2025.

AUTOLUS THERAPEUTICS PLC

By: /s/ Christian Itin, Ph.D.

Name: Christian Itin, Ph.D.

Title: Chief Executive Officer

POWER OF ATTORNEY

We, the undersigned officers and directors of Autolus Therapeutics plc, hereby severally constitute and appoint Christian Itin and Alex Driggs our true and lawful attorneys with full power to any of them, and to each of them singly, to sign for us and in our names in the capacities indicated below the Registration Statement on Form S-1 filed herewith and any and all amendments (including post-effective amendments) to said Registration Statement, and to file or cause to be filed the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, and generally to do all such things in our name and on our behalf in our capacities as officers and directors to enable Autolus Therapeutics plc to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming all that said attorneys, and each of them, or their substitute or substitutes, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, 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/ Christian Itin, Ph.D.</u> Christian Itin, Ph.D.	Chief Executive Officer and Director <i>(Principal Executive Officer)</i>	May 8, 2025
<u>/s/ Robert Dolski</u> Robert Dolski	Chief Financial Officer <i>(Principal Financial Officer and Principal Accounting Officer)</i>	May 8, 2025
<u>/s/ Michael Bonney</u> Michael Bonney	Chairman of the Board of Directors	May 8, 2025
<u>/s/ Joseph Anderson, Ph.D.</u> Joseph Anderson, Ph.D.	Director	May 8, 2025
<u>/s/ Robert Azelby</u> Robert Azelby	Director	May 8, 2025
<u>/s/ Linda Bain</u> Linda Bain	Director	May 8, 2025

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<u>/s/ John Berriman</u> John Berriman	Director	May 8, 2025
<u>/s/ Cynthia Butitta</u> Cynthia Butitta	Director	May 8, 2025
<u>/s/ Robert Iannone, M.D., M.S.C.E</u> Robert Iannone, M.D., M.S.C.E	Director	May 8, 2025
<u>/s/ Elisabeth Leiderman, M.D</u> Elisabeth Leiderman, M.D	Director	May 8, 2025
<u>/s/ Dr. Martin Murphy</u> Dr. Martin Murphy	Director	May 8, 2025
<u>/s/ Dr. Ravi Rao</u> Dr. Ravi Rao	Director	May 8, 2025
<u>/s/ William Young</u> William Young	Director	May 8, 2025

SIGNATURE OF AUTHORIZED U.S. REPRESENTATIVE

Pursuant to the Securities Act of 1933, the undersigned, the duly authorized representative in the United States of Autolus Therapeutics plc has signed this registration statement or amendment thereto on May 8, 2025.

AUTOLUS INC.

By: /s/ Christian Itin, Ph.D.

Name: Christian Itin, Ph.D.

Title: Chief Executive Officer



Claire Keast-Butler
+44 (0) 20 7556 4211
ckeastbutler@cooley.com

Autolus Therapeutics plc
The Mediaworks
191 Wood Lane
London W12 7FP
United Kingdom

8 May 2025

Ladies and Gentlemen:

Re: Autolus Therapeutics plc — Registration Statement on Form S-1 — Exhibit 5.1

1. INTRODUCTION

- 1.1 We have acted as English legal advisers to Autolus Therapeutics plc, a public limited company incorporated in England and Wales (the “**Company**”), in connection with the preparation and filing on the date hereof with the U.S. Securities and Exchange Commission (the “**SEC**”) of a registration statement on Form S-1 (the “**Registration Statement**”), pursuant to the U.S. Securities Act of 1933, as amended (the “**Securities Act**”). We have taken instructions solely from the Company.
- 1.2 The Registration Statement relates to the resale by certain securityholders of up to 54,584,250 American Depositary Shares (“**ADSs**”) representing 54,584,250 ordinary shares with a nominal value of \$0.000042 each in the capital of the Company (“**Ordinary Shares**”), as follows:
- (a) 17,985,611 Ordinary Shares (the “**Blackstone Ordinary Shares**”) that were allotted and issued and 17,985,611 ADSs (the “**Blackstone ADSs**”) that were issued on 12 November 2021 pursuant to the Blackstone Securities Purchase Agreement (as defined below);
 - (b) 33,333,333 Ordinary Shares (the “**BioNTech Ordinary Shares**” and, together with the Blackstone Ordinary Shares, the “**Private Placements Ordinary Shares**”) that were allotted and issued and 33,333,333 ADSs (the “**BioNTech ADSs**” and, together with the Blackstone ADSs, the “**Private Placements ADSs**”) that were issued on 13 February 2024 pursuant to the BioNTech Securities Purchase Agreement (as defined below); and
 - (c) up to 3,265,306 ADSs that are issuable upon the exercise of warrants for the purchase of ADSs (“**Warrants**”) pursuant to the Warrant Instrument (as defined below) (the “**Warrant ADSs**” and the up to 3,265,306 Ordinary Shares represented thereby, the “**Warrant Ordinary Shares**”).
- 1.3 We are rendering this letter at the request of the Company in connection with the Registration Statement.
- 1.4 Except as otherwise defined in this letter, capitalised terms used have the respective meanings given to them in the Registration Statement and headings are for ease of reference only and shall not affect interpretation.
- 1.5 All references to legislation in this letter are to the legislation of England unless the contrary is indicated, and any reference to any provision of any legislation shall include any amendment, modification, re-enactment or extension thereof, as in force on the date of this letter.

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2. DOCUMENTS

For the purpose of issuing this letter, we have reviewed the following documents only:

- 2.1 a PDF copy of the Registration Statement to be filed by the Company with the SEC on 8 May 2025;
- 2.2 a PDF executed copy of a New York law governed securities purchase agreement between the Company and BXLS V – Autobahn L.P. (“**Blackstone**”) dated 6 November 2021 (the “**Blackstone Securities Purchase Agreement**”);
- 2.3 a PDF executed copy of a New York law governed warrant instrument of the Company relating to the issue of certain warrants entitling Blackstone to purchase ADSs dated 6 November 2021 (the “**Warrant Instrument**”);
- 2.4 a PDF executed copy of a New York law governed securities purchase agreement between the Company and BioNTech SE (“**BioNTech**”) dated 6 February 2024 (the “**BioNTech Securities Purchase Agreement**”);
- 2.5 a certificate dated 8 May 2025 (the “**Secretary’s Certificate**”) signed by the Company’s company secretary (the “**Company Secretary**”) relating to certain factual matters as at the date of the Secretary’s Certificate and having annexed thereto copies (certified by the Company Secretary as being true, complete, accurate and up-to-date in each case) of the following documents:
 - (a) a PDF copy of the articles of association of the Company adopted on 26 June 2018 (the “**Articles**”);
 - (b) PDF copies of the certificate of incorporation of the Company dated 2 February 2018 and the certificate of incorporation on re-registration of the Company as a public company dated 18 June 2018;
 - (c) a PDF executed copy of the minutes of a meeting of the board of directors of the Company (the “**Board**” or the “**Directors**”) held on 4 November 2021 at which it was resolved to, *inter alia*, (i) approve the entry into of the Blackstone Securities Purchase Agreement, (ii) proceed with preparation and filing with the SEC of a registration statement for the purpose of registering the Blackstone ADSs and providing for the resale of the Blackstone ADSs by Blackstone and (iii) approve the sale of the Blackstone ADSs to Blackstone and the allotment and issue of the Blackstone Ordinary Shares to the custodian for Citibank, N.A., (the “**2021 Board Minutes**”);
 - (d) a PDF executed copy of the minutes of a meeting of the Board of Directors of the Company held on 4 February 2024 at which it was resolved to, *inter alia*, (i) approve the entry into of the BioNTech Securities Purchase Agreement, (ii) proceed with preparation and filing with the SEC of a registration statement for the purpose of registering the BioNTech ADSs and providing for the resale of the BioNTech ADSs by BioNTech and (iii) approve the sale of the BioNTech ADSs to BioNTech and the allotment and issue of the BioNTech Ordinary Shares to the custodian for Citibank, N.A., (the “**2024 Board Minutes**” and, together with the 2021 Board Minutes, the “**Board Minutes**”);
 - (e) a PDF executed copy of an extract of the resolutions passed at the annual general meeting of the Company held on 28 June 2022 (the “**2022 AGM**”) at which it was resolved, *inter alia*, to (i) authorise the Board for the purposes of section 551 of the Companies Act 2006, as amended (the “**Companies Act**”) to allot shares or grant rights to subscribe for, or convert any security into, shares of the Company up to a maximum aggregate nominal amount of \$8,400 and (ii) empower the Board to allot equity securities for cash up to a maximum aggregate nominal amount of \$8,400 as if section 561(1) of the Companies Act did not apply to the allotment (the “**2022 Shareholder Resolutions**”); and

- (f) a PDF executed copy of an extract of the resolutions passed at the annual general meeting of the Company held on 28 June 2024 (the “**2024 AGM**”) at which it was resolved, *inter alia*, to (i) authorise the Board for the purposes of section 551 of the Companies Act 2006, as amended (the “**Companies Act**”) to allot shares or grant rights to subscribe for, or convert any security into, shares of the Company up to a maximum aggregate nominal amount of \$8,400 and (ii) empower the Board to allot equity securities for cash up to a maximum aggregate nominal amount of \$8,400 as if section 561(1) of the Companies Act did not apply to the allotment (the “**2024 Shareholder Resolutions**”, and together with the 2022 Shareholder Resolutions, the “**Shareholder Resolutions**”).

3. SEARCHES

In addition to examining the documents referred to in paragraph 2 (*Documents*), we have carried out the following searches only:

- 3.1 an online search at Companies House in England and Wales (“**Companies House**”) with respect to the Company, carried out at 09:08 a.m. (London time) on 8 May 2025 (the “**Companies House Search**”); and
- 3.2 an online enquiry of the Central Registry of Winding-up Petitions at the Insolvency and Companies List in England and Wales (the “**Central Registry**”) with respect to the Company, carried out at 10:20 a.m. (London time) on 8 May 2025 (the “**Central Registry Enquiry**”) and, together with the Companies House Search, the “**Searches**”).

4. OPINIONS

Subject to the assumptions set out in paragraph 5 (*Assumptions*), the scope of the opinions set out in paragraph 6 (*Scope of Opinions*) and the reservations set out in paragraph 7 (*Reservations*), we are of the opinion that as at the date of this letter:

- 4.1 The Company has been duly incorporated and is existing as a public company with limited liability under English law.
- 4.2 The Searches gave no indication that any winding-up, dissolution or administration order or appointment of a receiver, administrator, administrative receiver or similar officer has been made with respect to the Company, or that any petition for the winding-up of the Company has been presented.
- 4.3 The Private Placements Ordinary Shares were validly issued, fully paid or credited as fully paid, and are not subject to any call for payment of further capital.
- 4.4 The Warrant Ordinary Shares issuable upon exercise of any Warrants in accordance with the terms of the Warrant Instrument will be validly issued, fully paid or credited as fully paid, and will not be subject to any call for payment of further capital.

5. ASSUMPTIONS

In giving the opinions in this letter, we have assumed (without making enquiry or investigation) that:

- 5.1 all signatures, stamps and seals on all documents are genuine. All original documents are complete, authentic and up-to-date, and all documents submitted to us as a copy (whether by email or otherwise) are complete and accurate and conform to the original documents of which they are copies and that no amendments (whether oral, in writing or by conduct of the parties) have been made to any of the documents since they were examined by us;
- 5.2 where a document has been examined by us in draft or specimen form, it will be or has been duly executed in the form of that draft or specimen;
- 5.3 each of the individuals who signs as, or otherwise claims to be, an officer of the Company is the individual whom they claim to be and holds the office that they claim to hold;

- 5.4 where a document is required to be delivered, each party to it has delivered the same without it being subject to any escrow or similar arrangement;
- 5.5 all documents, forms and notices which should have been delivered to Companies House in respect of the Company have been and will be so delivered;
- 5.6 the information revealed by the Searches is true, accurate, complete and up-to-date in all respects, and there is no information which should have been disclosed by the Searches that has not been disclosed for any reason and there has been no alteration in the status or condition of the Company since the date and time that the Searches were made, and that the results of the Searches will remain true, complete, accurate and up-to-date as at each date on which the Company allots or issues Warrant Ordinary Shares (each, a “**Bring-Down Date**”);
- 5.7 no notice has been received by the Company which could lead to the Company being struck off the register of companies under section 1000 of the Companies Act and no such notice shall have been received as at each Bring-Down Date;
- 5.8 the Articles remain in full force and effect and no alteration has been made or will be made to the Articles as at the date of this letter and as at each Bring-Down Date;
- 5.9 to the extent that the obligations of the Company under the Blackstone Securities Purchase Agreement, the BioNTech Securities Purchase Agreement and/or the Warrant Instrument (each a “**Relevant Agreement**” and together, the “**Relevant Agreements**”) may be dependent upon such matters, each of the parties to such Relevant Agreement:
- (a) is duly organised, validly existing and in good standing (where such concept is legally relevant) under the laws of its jurisdiction of incorporation;
 - (b) is in compliance, generally, with all applicable laws, rules and regulations to which it is subject, its constitutional documents and any judicial or administrative judgements, awards, injunctions or orders binding upon it or its property;
 - (c) has the capacity, power and authority to execute, deliver and perform the Relevant Agreements;
 - (d) is duly qualified to engage in the activities contemplated by the Relevant Agreements and will not be in breach of any of its respective obligations under any document, contract, instrument or agreement as a result of its entry into and performance of its obligations under the Relevant Agreements;
 - (e) is authorised under all applicable laws of its jurisdiction and domicile to submit to the jurisdiction of the relevant courts or arbitral tribunal specified in such Relevant Agreement and has validly submitted to such jurisdiction; and
 - (f) has validly authorised, executed and delivered all relevant documents,
- and that each of the foregoing remains the case as at each Bring-Down Date;
- 5.10 each Relevant Agreement (and any other documents referred to therein) constitutes legal, valid and binding obligations of each of the parties thereto enforceable under all applicable laws, and that each of the Relevant Agreements will remain in full force and effect at each Bring-Down Date;
- 5.11 each Relevant Agreement remains accurate and complete and has not been amended, modified, terminated or otherwise discharged as at the date of this letter, and at each Bring-Down Date;
- 5.12 there is an absence of fraud or mutual mistake of fact or law or any other arrangements, agreements, understandings or course of conduct or prior or subsequent dealings amending, rescinding or modifying or suspending any of the terms of any of the Relevant Agreements or which would result in the inclusion of additional terms therein, and that the parties have acted in accordance with the terms of each of the Relevant Agreements;

- 5.13 in relation to the Relevant Agreements and the transactions contemplated thereby, the Directors have acted and will act in the manner required by section 172 of the Companies Act and that the allotment and issue of the Private Placements Ordinary Shares was made, and the issue of the Warrants and allotment and issue of the Warrants Ordinary Shares will be made, in good faith and on bona fide commercial terms and on arms' length terms and for the purposes of carrying on the business of the Company;
- 5.14 the Company is, and the Company and each party to the Relevant Agreements will at all relevant times remain, in compliance with all applicable anti-corruption, anti-money laundering, anti-terrorism, sanctions and human rights laws and regulations;
- 5.15 the Registration Statement has become effective under the Securities Act and such effectiveness shall not have been terminated or rescinded prior to each Bring-Down Date;
- 5.16 the Board Minutes referred to in paragraph 2.5 (*Documents*) are a true record of the proceedings described therein, and that the meeting recorded in such minutes was duly conducted as described therein, duly constituted and convened and all constitutional, statutory and other formalities were duly observed (including, if applicable, those relating to the declaration of Directors' interests or the power of interested Directors to vote), a quorum was present throughout, the requisite majority of Directors voted in favour of approving the resolutions and the resolutions passed at that meeting of the Board were duly adopted, have not been revoked or varied and remain in full force and effect as at the date of this letter;
- 5.17 the 2022 AGM was duly convened and held on 28 June 2022, the 2024 AGM was duly convened and held on 28 June 2024, and at each of the 2022 AGM and the 2024 AGM, all constitutional, statutory and other formalities were duly observed, a quorum of shareholders was present throughout and the relevant Shareholder Resolutions were duly passed and have not been revoked or varied and remain in full force and effect, and that all filings required to be made with Companies House in connection therewith have been made within the relevant time limits;
- 5.18 the Private Placements Ordinary Shares have been, and any Warrant Ordinary Shares will be, allotted and issued pursuant to the authority and power granted to the Directors pursuant to section 551 and section 570 of the Companies Act, respectively and as applicable, under the Shareholder Resolutions free of the restrictions in section 561 of the Companies Act and that authority and that power remained unutilised to a sufficient extent to enable the allotment and issue of the Private Placements Ordinary Shares and the Warrants;
- 5.19 any issue of Warrant Ordinary Shares shall have been duly approved by the Board in accordance with the Articles and the requirements of all applicable laws;
- 5.20 the Private Placements Ordinary Shares have been, and any Warrant Ordinary Shares will be, duly allotted, and all Warrants have been duly issued by the Board in accordance with the Articles and the requirements of all applicable laws;
- 5.21 no Ordinary Shares have been allotted or issued, or are or shall be committed to be allotted and issued, at a discount to their nominal value (whether in dollars or equivalent in any other currency) and no Warrants have been issued with an exercise price of less than the nominal value per Ordinary Share, as applicable;
- 5.22 at the relevant time of each allotment and issue of the Private Placement Ordinary Shares and/or the Warrant Ordinary Shares, the Company shall have received in full payment for such shares in an amount of "cash consideration" (as defined in section 583(3) of the Companies Act) equal to the aggregate subscription price for such shares, such amount not being less than the aggregate nominal value for such shares, and the Company shall have entered the holder or holders thereof in the register of members of the Company showing that all such shares have been fully paid up as to their nominal value and any premium thereon as at the date of each such allotment;

- 5.23 the right to convert or exchange any Warrants into, or to subscribe for, Ordinary Shares will be exercised, and Ordinary Shares to be which holders of any Warrants are entitled thereupon will be allotted and issued, in accordance with the Warrant Instrument;
- 5.24 the contents of the Secretary's Certificate were true and not misleading when given and remain true and not misleading as at the date of this letter and there is no fact or matter not referred to in the Secretary's Certificate which would make any of the information in the Secretary's Certificate inaccurate or misleading;
- 5.25 there is no fact or matter (such as bad faith, coercion, duress, undue influence or a mistake or misrepresentation before or at the time any agreement or instrument is entered into, a subsequent breach, release, waiver or variation of any right or provision, an entitlement to rectification or circumstances giving rise to an estoppel) which might affect the allotment and issue of the Private Placements Ordinary Shares and/or Warrant Ordinary Shares;
- 5.26 the Company has not taken any corporate or other action and no steps have been taken or legal proceedings have been started against the Company for the liquidation, winding-up, dissolution, reorganisation or bankruptcy of, or for the appointment of a liquidator, receiver, trustee, administrator, administrative receiver or similar officer of, the Company or all or any of its assets (or any analogous proceedings in any jurisdiction) and the Company is not unable to pay its debts as they fall due within the meaning of section 123 of the Insolvency Act 1986, as amended (the "**Insolvency Act**") or becomes unable to pay its debts within the meaning of that section as a result of any of the transactions contemplated in this letter, is insolvent or has been dissolved or declared bankrupt;
- 5.27 all agreements and documents examined by us that are governed by the laws of any jurisdiction other than England are on the date of this letter legal, valid and binding under the laws by which they are (or are expected to be) governed;
- 5.28 there are no provisions of the laws of any jurisdiction outside England that would have any implication for the opinions which we express in this letter and that, insofar as the laws of any jurisdiction outside England may be relevant to this letter, such laws have been and will be complied with;
- 5.29 all statements of fact and representations and warranties as to matters of fact (except as to matters expressly set out in the opinions given in this letter) contained in or made in connection with any of the documents examined by us were true and correct as at the date given and are true and correct at today's date and no fact was omitted therefrom which would have made any of such facts, representations or warranties incorrect or misleading;
- 5.30 all consents, licences, approvals, authorisations, notices, filings and registrations that are necessary under any applicable laws or regulations in connection with the transactions contemplated by the Registration Statement have been or will be duly made or obtained and are, or will be, in full force and effect;
- 5.31 we note that the Relevant Agreements each provide that they are to be governed by and construed in accordance with the laws of the State of New York. We express no opinion as to any matters governed by the laws of the State of New York. As lawyers not qualified in New York, we are not qualified or able to assess the true meaning or import of the terms of the Relevant Agreements under the laws of the State of New York, and we have made no investigation of such meaning or import. Therefore, our review of the Relevant Agreements has been limited to their terms as they appear to us on their face. We have assumed that the choice of New York law in each of the Relevant Agreements is valid as a matter of New York law and the Relevant Agreements and each of their respective provisions are valid, binding and enforceable under New York law and the law of any other jurisdiction whose law applies, other than law covered expressly in an opinion included in this letter. We have also assumed that, under New York law, any court named in the forum selection clauses of the Relevant Agreements will have jurisdiction over the parties and the subject matter of any action brought in that court under the Relevant Agreements;

- 5.32 no ADSs or Ordinary Shares have been or shall be offered to the public in the United Kingdom in breach of the Financial Services and Markets Act 2000, as amended (the “**FSMA**”), the EU Prospectus Regulation (Regulation (EU) 2017/1129) as it forms part of domestic law in the United Kingdom by virtue of the European Union (Withdrawal) Act 2018 (the “**Withdrawal Act**”) (the “**UK Prospectus Regulation**”) or of any other United Kingdom laws or regulations concerning offers of securities to the public, and no communication has been or shall be made in relation to the ADSs or the Ordinary Shares in breach of section 21 (Restrictions on financial promotion) of the FSMA or any other United Kingdom laws or regulations relating to offers or invitations to subscribe for, or to acquire rights to subscribe for or otherwise acquire, shares or other securities;
- 5.33 in issuing the Private Placements Ordinary Shares and the Warrants, the Company was not carrying on a regulated activity for the purposes of section 19 of FSMA;
- 5.34 all applicable provisions of the EU Market Abuse Regulation (Regulation (EU) No 596/2014) as it forms part of domestic law in the United Kingdom by virtue of the Withdrawal Act (“**UK MAR**”), the UK Prospectus Regulation, the FSMA, the Financial Services Act 2012 (the “**FS Act**”), and all rules and regulations made pursuant to UK MAR, the UK Prospectus Regulation, the FSMA and the FS Act, have been and will be complied with as regards anything done in relation to the ADSs or the Ordinary Shares in, from or otherwise involving England (including, without limitation, articles 14 (*Prohibition of insider dealing and of unlawful disclosure of inside information*) and 15 (*Prohibition of market manipulation*) of UK MAR, sections 19 (*The general prohibition*) and 21 (*Restrictions on financial promotion*) of the FSMA and sections 89 (*Misleading statements*), 90 (*Misleading impressions*) and 91 (*Misleading statements etc. in relation to benchmarks*) of the FS Act);
- 5.35 the Company’s place of central management and control is not, and will not be as at each Bring-Down Date, the UK, the Channel Islands or the Isle of Man for the purposes of the City Code on Takeovers and Mergers; and
- 5.36 no application has been or will be made for the Ordinary Shares or the ADSs to be listed or admitted to trading on a regulated market, multilateral trading facility or organised trading facility situated or operating in the United Kingdom.

6. SCOPE OF OPINIONS

- 6.1 The opinions given in this letter are limited to English law as it would be applied by English courts on the date of this letter.
- 6.2 We express no opinion in this letter on the laws of any other jurisdiction. We have not investigated the laws of any country other than England and we assume that no foreign law affects any of the opinions stated in paragraph 4 (*Opinions*).
- 6.3 We express no opinion as to any agreement, instrument or other document other than as specified in this letter. For the purposes of giving the opinions in paragraph 4 (*Opinions*), we have only examined and relied on those documents set out in paragraph 2 (*Documents*) and made those searches and enquiries set out in paragraph 3 (*Searches*), respectively. We have made no further enquiries concerning the Company or any other matter in connection with the giving of the opinions in paragraph 4 (*Opinions*).
- 6.4 No opinion is expressed with respect to taxation in the United Kingdom or otherwise in this letter.
- 6.5 We have not been responsible for investigating or verifying the accuracy of the facts or the reasonableness of any statement of opinion or intention, contained in or relevant to any document referred to in this letter, or that no material facts have been omitted therefrom.
- 6.6 The opinions given in this letter are given on the basis of each of the assumptions set out in paragraph 5 (*Assumptions*) and are subject to each of the reservations set out in paragraph 7 (*Reservations*) to this letter. The opinions given in this letter are strictly limited to the matters stated in paragraph 4 (*Opinions*) and do not extend, and should not be read as extending, by implication or otherwise, to any other matters.

- 6.7 This letter only applies to those facts and circumstances which exist as at today's date and we assume no obligation or responsibility to update or supplement this letter to reflect any facts or circumstances which may subsequently come to our attention, any changes in laws which may occur after today, or to inform the addressee of any change in circumstances happening after the date of this letter which would alter the opinion given in this letter.
- 6.8 We have not been responsible for investigation or verification of statements of fact (including statements as to foreign law) or the reasonableness of any statements of opinion in the Registration Statement, or that no material facts have been omitted therefrom.
- 6.9 This letter is given by Cooley (UK) LLP and no partner or employee assumes any personal responsibility for it nor shall owe any duty of care in respect of it.
- 6.10 This letter, the opinions given in it, and any non-contractual obligations arising out of or in connection with this letter and/or the opinions given in it, are governed by and shall be construed in accordance with English law as at the date of this letter.

7. RESERVATIONS

- 7.1 The Companies House Search described at paragraph 3.1 (*Searches*) is not capable of revealing conclusively whether or not:
- (a) a winding-up order has been made or a resolution passed for the winding-up of a company;
 - (b) an administration order has been made; or
 - (c) a receiver, administrative receiver, administrator or liquidator has been appointed,
- since notice of these matters may not be filed with the Registrar of Companies in England and Wales immediately and, when filed, may not be entered on the public database or recorded on the public microfiches of the relevant company immediately.
- In addition, such a company search is not capable of revealing, prior to the making of the relevant order, whether or not a winding-up petition or a petition for an administration order has been presented.
- 7.2 The Central Registry Enquiry described at paragraph 3.2 (*Searches*) relates only to a compulsory winding-up and is not capable of revealing conclusively whether or not a winding-up petition in respect of a compulsory winding-up has been presented, since details of the petition may not have been entered on the records of the Central Registry immediately or, in the case of a petition presented to a District Registry and/or County Court in England and Wales, may not have been notified to the Central Registry and entered on such records at all, and the response to an enquiry only relates to the period since approximately 2016 for petitions presented in London and since approximately 2019 for petitions presented to a District Registry and/or County Court in England and Wales. We have not made enquiries of any District Registry or County Court in England and Wales.
- 7.3 The opinions set out in this letter are subject to: (i) any limitations arising from applicable laws relating to insolvency, bankruptcy, administration, reorganisation, liquidation, moratoria, schemes or analogous circumstances; and (ii) an English court exercising its discretion under section 426 of the Insolvency Act (*co-operation between courts exercising jurisdiction in relation to insolvency*) to assist the courts having the corresponding jurisdiction in any part of the United Kingdom or any relevant country or territory.
- 7.4 We express no opinion as to matters of fact.

- 7.5 Save for the matters set out in the Secretary's Certificate, we have made no enquiries of any individual connected with the Company. We have relied entirely on the facts, statements and confirmations contained in the Secretary's Certificate and we have not undertaken any independent investigation or verification of the matters referred to in the Secretary's Certificate.
- 7.6 If (a) a party to any of the Relevant Agreements is the target of economic or financial sanctions or other restrictive measures imposed in any jurisdiction ("**Sanctions**") or is owned or controlled (directly or indirectly) by or is acting on behalf of or at the direction of or is otherwise connected with a person who is a target of Sanctions or (b) any party to any of the Relevant Agreements is incorporated or resident in or operating from a country or territory that is a target of Sanctions or (c) the rights or obligations of any party to any of the Relevant Agreements is otherwise affected by Sanctions, then the rights and obligations of such person under the Relevant Agreements may be void and/or unenforceable.
- 7.7 We express no opinion in this letter on the application or potential application of the National Security and Investment Act 2021 in relation to the Relevant Agreements or any transaction contemplated thereby.

8. DISCLOSURE AND RELIANCE

- 8.1 This letter is addressed to you solely for your benefit in connection with the Registration Statement and the transactions contemplated thereunder. We consent to the filing of this letter as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under section 7 of the Securities Act or the rules and regulations thereunder.
- 8.2 This letter may not be relied upon by you for any other purpose, or furnished to, assigned to, quoted to, or relied upon by any other person, firm or other entity for any purpose, without our prior written consent, which may be granted or withheld at our sole discretion.

Yours faithfully

/s/ Cooley (UK) LLP

Cooley (UK) LLP

Consent of Independent Registered Public Accounting Firm

We consent to the reference to our firm under the caption “Experts” and to the use of our report dated March 20, 2025, in the Registration Statement (Form S-1) and related Prospectus of Autolus Therapeutics plc for the registration of up to 54,584,250 American Depositary Shares, representing 54,584,250 of its ordinary shares.

/s/ Ernst & Young LLP

Reading, United Kingdom
May 8, 2025

Calculation of Filing Fee Tables

Form S-1
(Form Type)Autolus Therapeutics plc
(Exact Name of Registrant as Specified in its Charter)

Table 1 – Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial effective date	Filing Fee Previously Paid In Connection with Unsold Securities to be Carried Forward
Newly Registered Securities												
Fees to Be Paid	-	-	-	-	-	-	-	-	-	-	-	-
Carry Forward Securities												
Carry Forward Securities	Equity	American Depositary Shares (ADSs)	415(a)(6)	21,250,917 (1)		\$89,785,124.33 (1)			Form F-3	333-264304	April 28, 2022	\$8,323.08
Carry Forward Securities	Equity	American Depositary Shares (ADSs)	415(a)(6)	33,333,333 (2)		\$208,999,997.91 (1)			Form S-3	333-278320	March 28, 2024	\$30,848.40
Total Offering Amounts						\$298,785,122.24		-				
Total Fees Previously Paid								\$39,171.48 (1)(2)				
Total Fee Offsets								-				
Net Fee Due								-				

- (1) Pursuant to Rule 415(a)(6) under the Securities Act, this registration statement consists of (i) 17,985,611 unsold ADSs held by BXLS V – Autobahn L.P., and (ii) up to an aggregate of 3,265,306 unsold ADSs that are issuable upon the exercise of outstanding warrants to purchase ADSs held by BXLS V – Autobahn L.P., collectively, the Unsold Blackstone Securities. The Unsold Blackstone Securities had been previously registered pursuant to the registration statement on Form F-3 (File No. 333-264304) initially filed on April 15, 2022, and declared effective on April 28, 2022, or the 2022 Registration Statement. In connection with the registration of the Unsold Blackstone Securities on the 2022 Registration Statement, the registrant paid registration fees of \$8,323.08 (based on the filing fee rate in effect at the time of the filing of the 2022 Registration Statement). The filing fee associated with the offering of the Unsold Blackstone Securities is hereby carried forward to be applied to the Unsold Blackstone Securities registered hereunder, and no additional filing fee is due with respect to the Unsold Blackstone Securities in connection with the filing of this registration statement. To the extent that, after the filing date hereof and prior to the effectiveness of this registration statement, the registrant sells any Unsold Blackstone Securities pursuant to the 2022 Registration Statement, the registrant will identify in a pre-effective amendment to this registration statement the updated number of Unsold Blackstone Securities from the 2022 Registration Statement to be included in this registration statement pursuant to Rule 415(a)(6). Pursuant to Rule 415(a)(6), the offering of securities under the 2022 Registration Statement will be deemed terminated as of the date of effectiveness of this registration statement.
- (2) Pursuant to Rule 415(a)(6) under the Securities Act, this registration statement consists of 33,333,333 unsold ADSs held by BioNTech SE, or, the Unsold BioNTech Securities. The Unsold BioNTech Securities had been previously registered pursuant to the registration statement on Form S-3 (File No. 333-278320) initially filed and declared effective on March 28, 2024, or, the 2024 Registration Statement. In connection with the registration of the Unsold BioNTech Securities on the 2024 Registration Statement, the registrant paid registration fees of (based on the filing fee rate in effect at the time of the filing of the 2024 Registration Statement). The filing fee associated with the offering of the Unsold BioNTech Securities is hereby carried forward to be applied to the Unsold BioNTech Securities registered hereunder, and no additional filing fee is due with respect to the Unsold BioNTech Securities in connection with the filing of this registration statement. To the extent that, after the filing date hereof and prior to the effectiveness of this registration statement, the registrant sells any Unsold BioNTech Securities pursuant to the 2024 Registration Statements, the registrant will identify in a pre-effective amendment to this registration statement the updated number of Unsold BioNTech Securities from the 2024 Registration Statement to be included in this registration statement pursuant to Rule 415(a)(6). Pursuant to Rule 415(a)(6), the offering of securities under the 2024 Registration Statement will be deemed terminated as of the date of effectiveness of this registration statement.