

#56572

Date: May 19, 2025

Subject: bluebird bio, Inc. – Amended and Further Extended Tender Offer

Option Symbol: BLUE

Adjusted Option Symbol: BLUE1

Date: 05/28/2025

bluebird bio, Inc. (BLUE) is the subject of an amended and further extended Offer to Purchase dated May 14, 2025 (The "Offer"), as described below:

Purchaser: A wholly owned subsidiary of Beacon Parent Holdings, L.P., whose general

partner is Beacon General Partner, LLC, an affiliate of Carlyle Partners Growth, L.P., SK CAPITAL SK Capital Partners VI-A, L.P. and SK Capital

Partners VI-B, L.P.

Security to be

Purchased: bluebird bio, Inc. (BLUE) Common Shares

Quantity: All bluebird bio, Inc. (BLUE) Common Shares

Price: See Offer Terms

Expiration: One minute after 11:59 P.M., New York City time, on May 29, 2025 (formely

on May 28, 2025), unless extended

Depositary: Equiniti Trust Company, LLC

Guaranty Period: None

Offer Terms

Within the terms of the Offer to Purchase, individual BLUE Shareholders may:

- Tender to receive (i) a cash amount of \$3.00, plus one non-transferable contingent value right (CVR) for each share of Common Stock of bluebird bio, Inc., as described in the Offer (Cash and CVR Consideration). OR,
- Tender to receive (ii) a cash amount of \$5.00 for each share of Common Stock of bluebird bio, Inc., as described in the Offer (All-Cash Consideration).

Exercise Considerations

As indicated below, BLUE/BLUE1 options will not be adjusted to reflect the expiration of the Offer and will not call for delivery of CVRs. Call holders who wish to ensure entitlement to the contingent value rights may exercise their options sufficiently in advance of the expiration of the Offer and tender the BLUE shares received in the Offer.

Delivery Settlement and Protect Provisions

Option contracts which are exercised will require the settlement of all component securities included in the contract deliverable at the time of the option contract exercise, including rights, warrants, or similar instruments. Additional entitlements (such as due bills, eligibility to participate in tender offers, elections, etc.) may also automatically attach to securities deliverable upon option exercise. Conversely, securities not included in the contract deliverable at the time of the option exercise not associated with the underlying deliverable securities, may preclude call exercisers from realizing the benefit of such entitlements. (See also "Special Risks - Valuation Disparity".) Except in unusual cases, securities deliverable as a result of equity option exercise are settled through National Securities Clearing Corporation ("NSCC").

Rights and obligations of Members with respect to securities settling at NSCC as a result of an option exercise/assignment are governed by the rules of NSCC. NSCC has its own rules which enable purchasers of securities to protect themselves for value which may be lost if timely delivery is not made to them of securities subject to specific deadlines, such as the expiration of a tender offer, rights subscription, election, or similar event. These rules are generally called "protect" or "liability notice" procedures, and are intended to protect purchasers by binding the delivering parties to liability if such value is lost because timely delivery is not effected. Purchasers of securities must observe the rules and procedures of NSCC to avail themselves of such "protect" provisions of NSCC. Questions regarding these provisions should be addressed to NSCC.

Special Risks

Writers of call options and holders of short positions in physically-settled security futures at maturity who are uncovered with respect to deliverable securities subject to deadlines or cut-off times (such as expirations of tender offers, rights subscriptions, elections, or similar events) should be aware of a risk associated with the timing of their possible assignments or physically-settled security futures delivery obligations: Equity option exercise settlement and settlement of physically-settled security futures delivery obligations normally occurs the business day after the option exercise date or the security-futures maturity date. An uncovered call writer or uncovered short futures holder who has an obligation to deliver, and who waits until after assignment or futures maturity to effect purchase of the underlying security, may not be able to effect timely delivery by a regular-way purchase (1 business-day settlement) or call option exercise (1 business-day settlement after exercise). Such uncovered writer or short futures holder may nevertheless be subject to liability under the protect provisions of NSCC (see above) with respect to his delivery obligation, because he cannot make timely delivery. Additionally, Cash Markets (same-day, or 1-business-day settlement) may not be available, or may be expensive for buyers of the underlying security.

Possible Contract Adjustment

At the effective time of the Merger, any shares held by BLUE stockholders will automatically be converted into the right to receive, at the election of the stockholder, the Merger Consideration as described in the Offer. BLUE shareholders may elect to receive a cash amount of \$3.00, plus one non-transferable contingent value right (CVR) for each share of Common Stock of bluebird bio, Inc. (Cash and CVR Merger Consideration Election) OR, Elect to receive a cash amount of \$5.00 for each share of Common Stock of bluebird bio, Inc. (All-Cash Merger Consideration Election). BLUE shareholders who fail to properly make an election as described in the Offer, will be deemed to have made the Cash and CVR Merger Consideration Election. The deliverable for adjusted BLUE/BLUE1 options will be based on the merger consideration which accrues to non-electing BLUE shareholders.

The Offer is being made with intention to subsequently effect a merger wherein all remaining BLUE Common Shares will be converted into the right to receive \$3.00 net cash per share plus one non-transferrable contingent value right (CVR). Interpretation .03 to Article VI, Section 11A, of OCC's By-Laws indicates a contract adjustment for BLUE/BLUE1 options would be contemplated when and if the aforementioned intended merger is actually consummated. It is not known how quickly after the expiration of the Offer the intended merger or contract adjustment would be effected. Until such merger is consummated, BLUE/BLUE1 option exercise would continue to call for delivery of the underlying security.

BLUE/BLUE1 options will not be adjusted to require delivery of the contingent value right (CVR).

Disclaimer

This Information Memo provides an unofficial summary of the terms of corporate events affecting listed options or futures prepared for the convenience of market participants. OCC accepts no responsibility for the accuracy or completeness of the summary, particularly for information which may be relevant to investment decisions. Option or futures investors should independently ascertain and evaluate all information concerning this corporate event(s).

The determination to adjust options and the nature of any adjustment is made by OCC pursuant to OCC By-Laws, Article VI, Sections 11 and 11A. The determination to adjust futures and the nature of any adjustment is made by OCC pursuant to OCC By-Laws, Article XII, Sections 3, 4, or 4A, as applicable. For both options and futures, each adjustment decision is made on a case by case basis. Adjustment decisions are based on information available at the time and are subject to change as additional information becomes available or if there are material changes to the terms of the corporate event(s) occasioning the adjustment.

ALL CLEARING MEMBERS ARE REQUESTED TO IMMEDIATELY ADVISE ALL BRANCH OFFICES AND CORRESPONDENTS ON THE ABOVE.

For questions regarding this memo, please email the Investor Education team at options@theocc.com. Clearing Member Firms of OCC may contact Member Services at 1-800-544-6091 or, within Canada, at 1-800-424-7320, or email memberservices@theocc.com.