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Commission File No.: 001-36352
Subject Company: Keryx Biopharmaceuticals, Inc.

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Akebia Therapeutics, Inc.
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Date: November 13, 2018

The following e-mail was sent to all employees of Akebia Therapeutics, Inc., on November 13, 2018.

Dear HIFsters,

I want to thank you once again for your dedication during these past months. Your focus and commitment since the announcement of our proposed merger with Keryx has positioned us well to capitalize on the significant growth opportunities that can result from this transaction.

If you are an Akebia shareholder, you have likely already received the proxy materials about the merger, including a letter from our Chairperson of the Board, Muneer Satter, explaining why the Akebia Board of Directors has unanimously recommended for shareholders to support the merger. I'm attaching Muneer's letter, so that all employees can read his perspective, regardless of whether you own shares.

The deadline to vote on the merger-related shareholder proposals by internet or telephone is 11:59 p.m. Eastern on December 10, 2018 – which is fast approaching. I urge those of you who are shareholders to vote today "FOR" the shareholder proposals, set forth on the proxy card you received, by internet or telephone toll-free. Alternatively, you may also vote by signing, dating and returning the proxy card in the postage-paid envelope that was provided to you. If voting via mail, please ensure that you mail your proxy card so that it is received before December 11th, the Special Meeting date. Your vote is important, no matter how few or how many shares you own.

If you have any questions or need assistance voting your shares, please contact the firm assisting us on this matter, MacKenzie Partners, by calling toll-free at (800) 322-2885 or via email at proxy@mackenziepartners.com.

Together with Keryx, we will create a fully-integrated company focused on developing and delivering therapies to patients with kidney disease. I firmly believe this will enable us to positively impact people's lives, and I could not be more excited about what lies ahead.

Thank you for your continued support of Akebia and our plans for the future.

Yours truly,

John P. Butler President and Chief Executive Officer

Additional Information and Where to Find It

In connection with the proposed merger, Akebia has filed with the U.S. Securities and Exchange Commission (the "SEC") a Registration Statement on Form S-4, which, as amended, includes a final prospectus with respect to the shares of Akebia's common stock to be issued in the proposed merger and a definitive joint proxy statement of Keryx and Akebia with respect to the proposed merger. The Registration Statement was declared effective by the SEC on October 30, 2018 and the definitive joint proxy statement was mailed or otherwise made available to Keryx's and Akebia's respective stockholders on October 31, 2018. BEFORE MAKING ANY VOTING DECISION, KERYX'S AND AKEBIA'S RESPECTIVE STOCKHOLDERS ARE URGED TO READ THE JOINT PROXY STATEMENT/PROSPECTUS IN ITS ENTIRETY AND ANY OTHER DOCUMENTS FILED BY EACH OF AKEBIA AND KERYX WITH THE SEC IN

CONNECTION WITH THE PROPOSED MERGER OR INCORPORATED BY REFERENCE THEREIN BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION AND THE PARTIES TO THE PROPOSED TRANSACTION. Investors and stockholders can obtain a free copy of the joint proxy statement/prospectus and other documents containing important information about Akebia and Keryx, once such documents are filed with the SEC, through the website maintained by the SEC at www.sec.gov. Akebia and Keryx make available free of charge at www.akebia.com (in the "Investors" section) and www.keryx.com (in the "Investors & Media" section), respectively, copies of materials they file with, or furnish to, the SEC.

Participants in the Solicitation

Akebia, Keryx and their respective directors, executive officers and certain employees and other persons may be deemed to be participants in the solicitation of proxies from the stockholders of Akebia and Keryx in connection with the proposed merger. Information regarding the interests of such individuals in the proposed merger, by security holdings or otherwise, is included in the joint proxy statement/prospectus relating to the proposed merger that has been filed with the SEC. In addition, security holders may obtain information regarding the names, affiliations and interests of Akebia's directors and officers in Akebia's Annual Report on Form 10-K for the fiscal year ended December 31, 2017, which was filed with the SEC on March 12, 2018, and its definitive proxy statement for the 2018 annual meeting of stockholders, which was filed with the SEC on April 30, 2018, and information regarding the names, affiliations and interests of Keryx's directors and officers in Keryx's Annual Report on Form 10-K for the fiscal year ended December 31, 2017, which was filed with the SEC on February 21, 2018, and the Amendment No. 1 on Form 10-K/A, which was filed with the SEC on April 30, 2018, and its definitive proxy statement for the 2018 annual meeting of stockholders, which was filed with the SEC on May 31, 2018. To the extent the holdings of Akebia securities by Akebia's directors and executive officers or the holdings of Keryx securities by Keryx's directors and executive officers have changed since the amounts set forth in the joint proxy statement/prospectus, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC. These documents (when available) may be obtained free of charge from the SEC's website at www.sec.gov, Akebia's website at www.sec.gov, Akebia's website at www.sec.gov, Okebia's website at www.sec.gov, Akebia's website at www.sec.gov.

This document does not constitute a solicitation of proxy, an offer to purchase or a solicitation of an offer to sell any securities.

Forward Looking Statements

This document contains forward-looking statements within the meaning of the federal securities law. Such statements are based upon current plans, estimates and expectations that are subject to various risks and uncertainties. The inclusion of forward-looking statements should not be regarded as a representation that such plans, estimates and expectations will be achieved. Words such as "anticipate," "create," "expect," "project," "intend," "believe," "may," "will," "should," "plan," "could," "target," "contemplate," "estimate," "position," "predict," "potential," "opportunity" and words and terms of similar substance used in connection with any discussion of future plans, actions or events identify forward-looking statements. All statements, other than historical facts, including statements regarding the ability of the parties to complete the merger; expectations for the combined company; the value proposition of the transaction for stockholders; and the consummation of the merger and the potential benefits of the merger are forward looking statements. Important factors that could cause actual results to differ materially from Akebia's and Keryx's plans, estimates or expectations could include, but are not limited to: (i) Akebia or Keryx may be unable to obtain stockholder approval as required for the merger; (ii) conditions to the closing of the merger may not be satisfied; (iii) the merger may involve unexpected

costs, liabilities or delays; (iv) the effect of the announcement of the merger on the ability of Akebia or Keryx to retain and hire key personnel and maintain relationships with customers, suppliers and others with whom Akebia or Keryx does business, or on Akebia's or Keryx's operating results and business generally; (v) Akebia's or Keryx's respective businesses may suffer as a result of uncertainty surrounding the merger and disruption of management's attention due to the merger; (vi) the outcome of any legal proceedings related to the merger; (vii) Akebia or Keryx may be adversely affected by other economic, business, and/or competitive factors, including the receipt by Keryx of a notice letters on October 31, 2018 and November 6, 2018 regarding abbreviated new drug applications submitted to the FDA requesting approval to market, sell and use a generic version of the Auryxia; (viii) the occurrence of any event, change or other circumstances that could give rise to the termination of the merger agreement; (ix) risks that the merger disrupts current plans and operations and the potential difficulties in employee retention as a result of the merger; (x) the risk that Akebia or Keryx may be unable to obtain governmental and regulatory approvals required for the transaction, or that required governmental and regulatory approvals may delay the transaction or result in the imposition of conditions that could reduce the anticipated benefits from the proposed transaction or cause the parties to abandon the proposed transaction; (xi) risks that the anticipated benefits of the merger or other commercial opportunities may otherwise not be fully realized or may take longer to realize than expected; (xii) the impact of legislative, regulatory, competitive and technological changes, including the recent changes to reimbursement coverage for Auryxia that could have a material adverse effect on Auryxia sales and profitability; (xiii) expectations for future clinical trials, the timing and potential outcomes of clinical trials and interactions with regulatory authorities; and (xiv) other risks to the consummation of the merger, including the risk that the merger will not be consummated within the expected time period or at all. Additional factors that may affect the future results of Akebia and Keryx are set forth in their respective filings with the SEC, including each of Akebia's and Keryx's most recently filed Annual Report on Form 10-K, subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, the definitive joint proxy statement/prospectus filed by Akebia and Keryx and other filings with the SEC, which are available on the SEC's website at www.sec.gov. See in particular "Risk Factors" in the joint proxy statement/prospectus, Item 1A of Akebia's Quarterly Report on Form 10-Q for the quarter ended September 30, 2018 under the heading "Risk Factors" and Item 1A of Keryx's Quarterly Report on Form 10-Q for the quarter ended September 30, 2018 under the heading "Risk Factors." The risks and uncertainties described above and in the definitive joint proxy statement/prospectus, Akebia's most recent Quarterly Report on Form 10-Q and Keryx's most recent Quarterly Report on Form 10-Q are not exclusive and further information concerning Akebia and Keryx and their respective businesses, including factors that potentially could materially affect their respective businesses, financial condition or operating results, may emerge from time to time. Readers are urged to consider these factors carefully in evaluating these forward-looking statements, and not to place undue reliance on any forward-looking statements. Readers should also carefully review the risk factors described in other documents that Akebia and Keryx file from time to time with the SEC. The forward-looking statements in these materials speak only as of the date of these materials. Except as required by law, Akebia and Keryx assume no obligation to update or revise these forward-looking statements for any reason, even if new information becomes available in the future.