May 5, 2020

Maurizio Chiriva Internati, DBSc., Ph.Ds. Chief Executive Officer Kiromic Biopharma, Inc. 7707 Fannin, Suite 140 Houston, TX 77054

Inc.

Re: Kiromic Biopharma,

Amendment No. 1 to

Draft Registration Statement on Form S-1

2019

Submitted April 8, CIK No. 0001792581

Dear Dr. Internati:

We have reviewed your amended draft registration statement and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure. Please respond to this letter by providing the requested information and either submitting an amended draft registration statement or publicly filing your registration statement on EDGAR. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response. After reviewing the information you provide in response to these comments and your amended draft registration statement or filed registration statement, we may have additional comments. Amended Draft Registration Statement on Form S-1 submitted April 8, 2020 Use of Proceeds, page 52 We note your revisions 1. in response to comment 9 that a portion of the proceeds will be used to initiate the Phase 1/2 clinical trials for the ALEXIS AIDT-1 product candidate. Please disclose how far in the Phase 1/2 trials you expect the portion of the offering proceeds allocated to this use will enable you to reach. License Agreements Mercer University, page 89 We note your revisions 2. in response to prior comment 8. Please expand to disclose the royalty rate or a range that does not exceed 10 points. Also disclose when the last-to-Maurizio Chiriva Internati, DBSc., Ph.Ds. Kiromic Biopharma, Inc. May 5, 2020 Page 2 expire patent is currently scheduled to expire. Provide similar disclosure for the CGA 369 agreement. Description of Securities, page 120 We note that your forum selection provision in the certificate of 3. incorporation filed as Exhibit 3.1 identifies the Court of Chancery as the exclusive forum for certain litigation, including any "derivative action," except for claims for which the Court of Chancery does not have subject matter jurisdiction. Please describe this provision in your

prospectus. Also disclose whether this provision applies to actions arising under the Securities Act or Exchange Act. If so, please also state that there is uncertainty as to whether a court would enforce such provision. If the provision applies to Securities Act claims, please also state that investors cannot waive compliance with the federal securities laws and the rules and regulations thereunder. In that regard, we note that Section 22 of the Securities Act creates concurrent jurisdiction for federal and state courts over all suits brought to enforce any duty or liability created by the Securities Act or the rules and regulations thereunder. If this provision does not apply to actions arising under the Securities Act or Exchange Act, please also ensure that the exclusive forum provision in the governing documents states this clearly, or tell us how you will inform investors in future filings that the provision does not apply to any actions arising under the Securities Act or Exchange Act. Consolidated Financial Statements Note 12. Subsequent Events, page F-28 Please revise to provide additional disclosure about how you are 4. accounting for the joint venture with Molipharma under ASC 323 and ASC 810. In that regard, we see that financial support appears to be split between you and Molipharma. You may contact Kristin Lochhead at 202-551-3664 or Al Pavot at 202-551-3738 if you have questions regarding comments on the financial statements and related matters. Please contact Paul Fischer at 202-551-3415 or Mary Beth Breslin at 202-551-3625 with any other questions. Sincerely, FirstName LastNameMaurizio Chiriva Internati, DBSc., Ph.Ds.

Division of Corporation

Finance Comapany NameKiromic Biopharma, Inc.

Office of Life Sciences

May 5, 2020 Page 2 cc: Justin Anslow FirstName LastName