



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Mail Stop 3561

April 21, 2016

Via E-mail

David J. Mazzo
Chief Executive Officer
Caladrius Biosciences, Inc.
106 Allen Road, 4th Floor
Basking Ridge, NJ 07920

**Re: Caladrius Biosciences, Inc.
Registration Statement on Form S-3
Filed April 08, 2016
File No. 333-210664**

Dear Mr. Mazzo:

We have limited our review of your registration statement to those issues we have addressed in our comment. In our comment, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to this comment, we may have additional comments.

Incorporation of Documents by Reference, page 13

1. We note that you are incorporating by reference your annual report on Form 10-K, filed on March 15, 2016. We further note that Part III of this annual report incorporates by reference portions of your definitive proxy statement which has not been filed yet. Please be advised that we cannot accelerate the effective date of your registration statement until the filing of the information required by Part III of your Form 10-K. For guidance, see Question 123.01 to the Compliance and Disclosure Interpretations: Securities Act Forms, at <http://www.sec.gov/divisions/corpfin/guidance/safinterp.htm>.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Act of 1933 and all applicable Securities Act rules require. Since the company and its management are in

David J. Mazzo
Caladrius Biosciences, Inc.
April 21, 2016
Page 2

possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

Notwithstanding our comments, in the event you request acceleration of the effective date of the pending registration statement, please provide a written statement from the company acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please refer to Rules 460 and 461 regarding requests for acceleration. We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Michael Killoy at (202) 551-7576 or David Link at (202) 551-3356 with any questions.

Sincerely,

/s/ David Link for

John Reynolds
Assistant Director
Office of Beverages, Apparel,
and Mining

cc: Jeffrey Schultz, Esq.
Mintz, Levin, Cohn, Ferris
Glosky, and Popeo, P.C.