

August 13, 2020

Michael A. Sherman
Chief Executive Officer
Chimerix, Inc.
2505 Meridian Parkway, Suite 100
Durham, NC 27713

Re: Chimerix, Inc.
Registration

Statement on Form S-3

Filed August 10,

2020

File No. 333-244146

Dear Mr. Sherman:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Ada D.

Sarmiento at 202-551-3798 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Jason L. Kent, Esq.