

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

April 27, 2020

Michael Macaluso Chief Executive Officer Ampio Pharmaceuticals, Inc. 373 Inverness Parkway, Suite 200 Englewood, CO 80112

> Re: Ampio Pharmaceuticals, Inc. Registration Statement on Form S-3 Filed April 16, 2020 File No. 333-237723

Dear Mr. Macaluso:

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. Sarmento at 202-551-3798 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Leah G. Brownlee, Esq.