

November 13, 2020

Michael Bailey
President & Chief Executive Officer
AVEO Pharmaceuticals, Inc.
30 Winter Street
Boston, Massachusetts 02108

Pharmaceuticals, Inc.
Statement on Form S-3
2020

Re: AVEO
Registration
Filed November 9,
File No. 333-249982

Dear Mr. Bailey:

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.

Buchmiller at (202) 551-3635 with any questions.

Please contact Tim

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc:
Esq.

Cynthia T. Mazareas,