

February 11, 2021

R. LaDuane Clifton, CPA
Chief Financial Officer
KemPharm, Inc.
1180 Celebration Boulevard, Suite 103
Celebration, FL 34747

Re: KemPharm, Inc.
Registration

Statement on Form S-3

Filed February 9,

2021

File No. 333-252903

Dear Mr. Clifton:

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 Tim

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

Sincerely,

Division of Corporation Finance

Office of Life Sciences

Matthew P. Dubofsky,

cc:

Esq.