

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

September 1, 2020

Kimi Igluchi Chief Financial Officer Sage Therapeutics, Inc. 215 First Street Cambridge, MA 02142

> Re: Sage Therapeutics, Inc. Form 10-K for the Fiscal Year Ended December 31, 2019 Filed February 27, 2020 File No. 001-36544

Dear Ms. Igluchi:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Life Sciences