

December 28, 2020

David A. Gonyer, R.Ph.
President and Chief Executive Officer
Evoke Pharma, Inc.
420 Stevens Avenue, Suite 370
Solana Beach, CA 92075

Re: Evoke Pharma, Inc.
Registration

Statement on Form S-3

Filed December 22,

2020

File No. 333-251614

Dear Mr. Gonyer:

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 Alan

Campbell at 202-551-4224 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Matthew T. Bush, Esq.