

DIVISION OF CORPORATION FINANCE

April 6, 2020

Frank Haluska Chief Executive Officer Anchiano Therapeutics Ltd. 5 Kiryat Hamada St. P.O. Box 45032 Jerusalem, 9777401, Israel

> Re: Anchiano Therapeutics Ltd. Preliminary Proxy Statement on Schedule 14A Filed March 30, 2020 File No. 001-38807

Dear Dr. Haluska:

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

cc: Anna T. Pinedo