

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

DIVISION OF CORPORATION FINANCE

February 24, 2020

Andrew Sassine Chief Financial Officer ARCTURUS THERAPEUTICS HOLDINGS INC. 10628 Science Center Drive, Suite 250 San Diego, CA 92121

Re: ARCTURUS THERAPEUTICS HOLDINGS INC.

Form 10-Q

Exhibit Nos. 10.16, 10.20 and 10.25

Filed November 8, 2019 File No. 001-38942

Dear Mr. Sassine:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance