



DIVISION OF
CORPORATION FINANCE

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

February 18, 2020

Via E-mail

John Reed
President and Chief Financial Officer
Synthorx, Inc.
11099 N. Torrey Pines Road, Suite 190
La Jolla, California 92037

Re: Synthorx, Inc.
Form 10-Q for the quarterly period ended September 30, 2019
Exhibit No. 10.1 - Second Amendment to License Agreement, dated August 5, 2019
by and between the Registrant and The Scripps Research Institute
Exhibit 10.2 - Fifth Amendment to Research Funding and Option Agreement dated
July 31, 2019, by and between the Registrant and The Scripps Research Institute.
Filed November 5, 2019
File No. 001-38756

Dear Mr. Reed:

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