

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

October 7, 2019

Douglas J. Swirsky President, Chief Executive Officer and Director REXAHN PHARMACEUTICALS, INC. 15245 Shady Grove Rd Suite 455 Rockville, Maryland 20850

Re: REXAHN PHARMACEUTICALS, INC.

Form 10-Q for the Quarterly Period Ended June 30, 2019

Exhibit No. 10.1 Filed August 7, 2019 File No. 001-34079

Dear Mr. Swirsky:

We have concluded our assessment of your redacted exhibit 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