

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

February 9, 2021

Jim Chopas Principal Finance and Accounting Officer Radius Health, Inc. 950 Winter Street Waltham, Massachusetts 02451

Re: Radius Health, Inc.

Form 10-Q for the quarterly period ended September 30, 2020

Exhibit No. 10.1 Filed November 5, 2020 File No. 001-35726

Dear Mr. Chopas:

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