

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

June 16, 2021

Sekar Kathiresan, M.D. Chief Executive Officer Verve Therapeutics, Inc. 500 Technology Square, Suite 901 Cambridge, MA 02139

Re: Verve Therapeutics, Inc.

Draft Registration Statement on Form S-1 Exhibit Nos. 10.10, 10.11, 10.12 and 10.13 Submitted April 16, 2021

CIK No. 0001840574

Dear Dr. Kathiresan:

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