Cooley

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March 15, 2021

U.S. Securities and Exchange Commission Division of Corporation Finance 100 F Street, N.E. Washington, D.C. 20549

Attn: Ms. Tara Harkins Ms. Kate Tillan Ms. Margaret Schwartz Ms. Laura Crotty

Re: Finch Therapeutics Group, Inc. Registration Statement on Form S-1 Submitted February 26, 2021 File No. 333-253622

Ladies and Gentlemen:

On behalf of our client, Finch Therapeutics Group, Inc. (the "*Company*"), we are responding to the comment of the staff (the "*Staff*") of the Securities and Exchange Commission (the "*Commission*") contained in its letter dated March 4, 2021 (the "*Comment Letter*"), relating to the Company's Registration Statement on Form S-1 (File No. 333-253622) (the "*Registration Statement*"). The Company is concurrently publicly filing its Amendment No. 1 to the Registration Statement on Form S-1 ("*Amendment No.* 1"), which reflects changes made in response to the comment contained in the Comment Letter as specified below.

Registration Statement on Form S-1, Filed February 26, 2021

Summary Consolidated Financial Data, page 11

1. We note that you present \$143.2 million of total convertible preferred stock within your consolidated balance sheet table as of December 31, 2020. Please reconcile this to the \$233.1 million of total preferred stock outstanding as of December 31, 2020 within your consolidated balance sheet presented on page F-3.

Response to Comment 1:

In response to the Staff's comment, the Company has revised its disclosure on page 12 of Amendment No. 1.

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Please direct any questions or comments concerning Amendment No. 1 or this response letter to either the undersigned at +1 212 479 6474, Ryan S. Sansom at +1 617 937 2335 or Courtney T. Thorne at +1 617 937 2318.

Very truly yours,

/s/ Divakar Gupta

Divakar Gupta

cc: Joseph D. Vittiglio, Finch Therapeutics Group, Inc. Ryan S. Sansom, Cooley LLP Courtney T. Thorne, Cooley LLP Edwin M. O'Connor, Goodwin Procter LLP Seo Salimi, Goodwin Procter LLP

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