

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

June 15, 2021

Markus Warmuth
President and Chief Executive Officer
Monte Rosa Therapeutics, Inc.
645 Summer Street, Suite 102
Boston, MA 02210

Re: Monte Rosa Therapeutics, Inc.
Amendment No. 1 to Registration Statement on Form S-1
Filed June 9, 2021
File No. 333-256773

Dear Dr. Warmuth:

We have reviewed your amended registration statement and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

## Amendment 1 to Form S-1 Filed on June 9, 2021

## Dilution, page 85

1. Please revise your calculations for your net tangible and pro forma net tangible book value (deficit) per share as of March 31, 2021 to utilize 6,079,905 outstanding underlying the calculation disclosed on pages F-30 and F-32 as of March 31, 2021 rather than 7,699,359 shares outstanding, which are a result of the unvested shares of restricted stock being classified as issued but not outstanding.

Markus Warmuth Monte Rosa Therapeutics, Inc. June 15, 2021 Page 2

You may contact Tara Harkins at 202-551-3639 or Lynn Dicker at 202-551-3616 if you have questions regarding comments on the financial statements and related matters. Please contact Kasey Robinson at 202-551-5880 or Jeffrey Gabor at 202-551-2544 with any other questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Robert E. Puopolo, Esq.