July 8, 2022 Markus Warmuth, M.D. President and Chief Executive Officer Monte Rosa Therapeutics, Inc. 645 Summer Street, Suite 102 Boston, MA 02210 Re: Monte Rosa Therapeutics, Inc. Registration Statement on Form S-3 Filed July 1, 2022 File No. 333-266003 Dear Dr. Warmuth: This is to advise you that we have not reviewed and will not review your registration statement. Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff. Please contact Jane Park at 202-551-7439 with any questions.

Sincerely,

Division of Corporation Finance

Robert Puopolo, Esq.

Office of Life Sciences

cc: