

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

DIVISION OF CORPORATION FINANCE

January 27, 2025

Emily Hill Chief Financial Officer Replimune Group, Inc. 500 Unicorn Park Drive, Suite 303 Woburn, MA 01801

Re: Replimune Group, Inc. Form 10-K for Fiscal Year Ended March 31, 2024 File No. 001-38596

Dear Emily Hill:

We have limited our review of your filing to the financial statements and related disclosures and have the following comment.

Please respond to this letter within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe a comment applies to your facts and circumstances, please tell us why in your response.

After reviewing your response to this letter, we may have additional comments.

Form 10-K for Fiscal Year Ended March 31, 2024 Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations Results of Operations

Research and development expenses, page 65

1. You disclose, on page 1, that your leading clinical trial of RP1 is your IGNYTE trial. Please provide revised disclosure to be included in future filings to further disaggregate the RP1 line item in the research and development expense table by clinical trial or by indication for each period presented. If you cannot disaggregate these amounts, please disclose that fact and explain why not.

In closing, 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 Tracie Mariner at 202-551-3744 or Vanessa Robertson at 202-551-3649 with any questions. January 27, 2025 Page 2

Sincerely,

Division of Corporation Finance Office of Life Sciences