

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

September 23, 2024

Kyri Van Hoose Chief Financial Officer Dermata Therapeutics, Inc. 3525 Del Mar Heights Rd., #322 San Diego, CA 92130

> Re: Dermata Therapeutics, Inc. Registration Statement on Form S-3 Filed September 19, 2024 File No. 333-282223

Dear Kyri Van Hoose:

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 Tamika Sheppard at 202-551-8346 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Tracy F. Buffer