

May 11, 2023

Spyridon Papapetropoulos  
Chief Executive Officer  
Bionomics Limited  
2710 Gateway Oaks Drive, Suite 150N  
Sacramento, CA 95833

Re: Bionomics Limited  
Registration

Statement on Form F-3

Filed May 5, 2023  
File No. 333-271696

Dear Spyridon Papapetropoulos:

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 Tyler

Howes at 202-551-3370 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

Michael E. Sullivan,

cc:  
Esq.