

November 4, 2022

Errol De Souza, Ph.D.  
Executive Chairman  
Bionomics Limited  
200 Greenhill Road  
Eastwood SA 5063  
Australia

Statement on Form F-1  
31, 2022

Re: Bionomics Limited  
Draft Registraiton  
Submitted October  
CIK No. 0001191070

Dear Errol De Souza:

This is to advise you  
that we do not intend to review your registration statement.

We request that you publicly file your registration statement no  
later than 48 hours prior  
to the requested effective date and time. 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 Dillon  
Hagius at 202-551-7967 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Michael E. Sullivan