

June 30, 2020

Bob Myers  
Chief Financial Officer  
Predictive Oncology Inc.  
2915 Commers Drive, Suite 900  
Eagan, Minnesota 55121

Inc.

Statement on Form S-1

Re: Predictive Oncology

Registration

Filed June 24, 2020

File No. 333-239408

Dear Mr. Myers:

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 Laura

Crotty at (202) 551-7614 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Bradley L. Yenter