

March 29, 2024

Lara Sullivan, M.D.
Chief Executive Officer
Pyxis Oncology, Inc.
321 Harrison Avenue
Boston, MA 02118

Inc.

Statement on Form S-3

2024

Re: Pyxis Oncology,

Registration

Filed March 27,

File No. 333-278282

Dear Lara Sullivan:

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.

Buchmiller at 202-551-3635 with any questions.

Please contact Tim

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Asher Rubin, Esq.