

December 4, 2020

Philippe Mauberna
Chief Financial Officer
Nanobiotix S.A.
60, rue de Wattignies
75012 Paris, France

Re: Nanobiotix S.A.
Registration

Statement on Form F-1
2020

Filed November 20,
File No. 333-250707

Dear Mr. Mauberna:

We have reviewed your registration statement and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form F-1

Summary
Overview, page 1

1. We refer to your revised disclosures on page 3 regarding Study 1100 and your disclosures on page 108 that there were two serious adverse events that were reported that could relate to NBTXR3 and considered dose-limiting toxicities. Please update your disclosure in this section here to disclose that there were two SAEs.
NBTXR3 Development Pipeline, page 4

2. We note your revised footnote disclosure to the pipeline table that you believe PharmaEngine is in material breach to use commercially reasonable efforts to develop NBTXR3 in the Asia-Pacific region, and that these trials may not progress any further.

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We also note that you have deleted narrative disclosures regarding PharmaEngine's trials in the Summary section and elsewhere in your prospectus. In light of these developments, please also delete the PharmaEngine trials from your pipeline table.

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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration

statement.

You may contact David Burton at 202-551-3626 or Kate Tillan at 202-551-3604 if you have questions regarding comments on the financial statements and related matters. Please contact Laura Crotty at 202-551-7614 or Dorrie Yale at 202-551-8776 with any other questions.

FirstName LastNamePhilippe Mauberna

Corporation Finance
Comapany NameNanobiotix S.A.

Sciences
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cc: Peter Devlin, Esq.
FirstName LastName

Sincerely,

Division of

Office of Life