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July 20, 2018

Irene Paik and Mary Beth Breslin
Office of Health Care and Insurance
Division of Corporation Finance
Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Re: Mustang Bio, Inc.
Registration Statement on Form S-3
Filed July 13, 2018
File No. 333-226175

Dear Irene and Mary Beth:

At the request and on behalf of our client, Mustang Bio, Inc., a Delaware corporation (the "**Company**"), we hereby submit the following responses to the comments of the Staff of the Securities and Exchange Commission (the "**Commission**") received by letter dated July 19, 2018, relating to the Company's registration statement on Form S-3 filed on July 13, 2018. The responses set forth in this letter have been prepared by the Company with our assistance.

Registration Statement on Form S-3 filed July 13, 2018

General

Comment:

1. Please revise your signature page to include signatures for the registrant, its principal executive officer, its principal financial officer, its controller or principal accounting officer and at least a majority of the board of directors in accordance with the instructions under the Signatures section of Form S-3. Please also include a conformed signature for the individual signing on behalf of the registrant.

Response:

We have added conformed signatures to the signature page in response to this comment.

Alston & Bird LLP

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If you have any further questions, comments or informational requests relating to this matter, please do not hesitate to contact me at the telephone number above.

Sincerely,

/s/ Mark F. McElreath

Mark F. McElreath
