

January 27, 2021

Christopher Anzalone
Chief Executive Officer
Arrowhead Pharmaceuticals, Inc.
177 E. Colorado Blvd, Suite 700
Pasadena, California 91105

Pharmaceuticals, Inc.
fiscal year ended September 30, 2020
2020

Re: Arrowhead
Form 10-K for the
Filed November 23,
File No. 001-38042

Dear Mr. Anzalone:

We have limited our review of your filing to the financial statements and related disclosures and have the following comments. In our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to the comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to the comments, we may have additional comments.

Form 10-K for the fiscal year ended September 30, 2020

Management's Discussion and Analysis of Financial Condition and Results of Operations
Results of Operations
Operating Expenses, page 55

1. You have omitted a discussion and analysis of changes in operating expenses between FY 2019 and FY 2018. In future filings, please provide a complete discussion and analysis of operating results for each period presented, or identify the location in the prior filing where the omitted discussion may be found in accordance with with Instruction 1 to Item 303(a) of Regulation S-K.

Research and Development Expenses, page 55

2. Please expand your presentation to include a quantification of development costs for individual research and development projects, as presented in the pipeline chart on page 1, and an explanation of key factors underlying changes in these amounts from the earliest

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period presented. If you do not separately track costs by individual project, please disclose this fact.

In closing, 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.

You may contact Frank Wyman at 202-551-3660 or Li Xiao at 202-551-4391 with any questions.

FirstName LastNameChristopher Anzalone
Comapany NameArrowhead Pharmaceuticals, Inc.

Corporation Finance
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Sciences
FirstName LastName

Sincerely,
Division of
Office of Life