June 17, 2021

Michael McDonnell Executive Vice President and Chief Financial Officer BIOGEN INC. 225 Binney Street Cambridge, MA 02142

> Re: BIOGEN INC. Form 10-K for

Fiscal Year Ended December 31, 2020

Filed February 3,

2021

Form 8-K Filed

February 3, 2021

Response dated June

9, 2021

File No. 000-19311

Dear Mr. McDonnell:

following comment. Please respond to this comment within ten business days by providing the $\,$

requested information or advise us as soon as possible when you will respond. After reviewing

your response to this comment, we may have additional comments.

Form 8-K Filed February 3, 2021

Exhibit 99.1, page 1

1. We appreciate the additional information provided to us. We continue to believe that your adjustments to exclude from R&D expense and net income attributable to Biogen, Inc. the upfront and premium payments made for collaboration agreements are inconsistent with the guidance in Question 100.01 of the Non-GAAP Financial Measures Compliance and Disclosure Interpretations. Please confirm to us that you will no longer include these adjustments in any non-GAAP financial measure presented in accordance with Item 10(e) of Regulation S-K or Regulation G for all periods presented in future filings. Michael McDonnell BIOGEN INC. June 17, 2021 Page 2

You may contact Tracey Houser at 202-551-3736 or Jeanne Baker at 202-551-3691, if you have questions regarding comments on the financial statements and related matters.

FirstName LastNameMichael McDonnell Comapany NameBIOGEN INC.

Sincerely,

Division of Corporation

June 17, 2021 Page 2 FirstName LastName

Finance

Office of Life Sciences