

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

September 25, 2017

Lawrence A. Kenyon Chief Financial Officer Oncobiologics, Inc. 7 Clarke Drive Cranbury, New Jersey 08512

Re: Oncobiologics, Inc.

Preliminary Proxy Statement on Schedule 14A

Filed September 14, 2017

File No. 001-37759

Dear Mr. Kenyon:

We have reviewed your filing and have the following comment.

Please respond to the comment 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 comment applies to your facts and circumstances, please tell us why in your response.

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

Preliminary Proxy Statement on Schedule 14A

General

1. We note that that you are requesting shareholder approval of the issuance of a material amount of senior securities. Please advise why you have not provided the information responsive to Item 13(a) of Schedule 14A. See Item 11(e) and instruction 1 to Item 13 of Schedule 14A.

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. Lawrence A. Kenyon Oncobiologics, Inc. September 25, 2017 Page 2

Please contact Chris Edwards at (202) 551-6761 or Suzanne Hayes at (202) 551-3675 with any questions.

Division of Corporation Finance Office of Healthcare & Insurance