

Hugh-Jones

PROFESSOR MATTHEW MESELSON  
DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY  
HARVARD UNIVERSITY Phone: (617) 495-2264  
7 Divinity Avenue Fax: (617) 496-2444  
Cambridge, Massachusetts 02138

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To: Martin Hugh-Jones: (504) 346-3331

Dear Martin,

Please read again paragraphs 3 and 5 of what I wrote to you on 20 December and tell me just where you differ. Do you think I have left anyone out who contributed a seminal idea or who contributed importantly to the organization, conduct, or analysis of the work reported in the present manuscript?

Although not directly relevant, I also believe that David accepts the same criteria regarding authorship, as indicated in my earlier letter. And let me stress again my high regard and appreciation for David's contribution to the pathoanatomical part of the overall study.

We do not know how our cutaneous cases became infected. The reported locations may be indicative of deposition followed by abrasion by clothing on the neck and shoulder. If we assume a deposition velocity of 0.1 cm/sec for the pathogen on the relevant surface, the deposition per square meter works out to be 6 times the number of spores inhaled by a person breathing 10 liters/min.

Tomorrow I will see Jemski and others at Edgewood and look forward to a discussion of dose-response. For one thing, I will try to learn more about possible errors arising from the methodology of dose measurement. Doses in the work reported by Glassman refer to aerosol that had first been passed through an impinger to remove particles larger than 5 micra. The intent was to measure only inhalable spores. It is of course inhalable spores that are meant in my calculations. I have clarified this point in the MS. Let's wait to consider these questions further until after my discussions at Edgewood.

A request: When it is convenient, would you let me have color prints of the grave markers of Sannikov and Romanov? Incidentally, is it correct that neither of us has a photo of the marker of Andrei Pavlovich Poleshaev?

Incidentally, my previous letter should have referred to 11 survivors, not 10.

Sincerely,

*Matthew*  
Matthew

cc Alexis