

MBL/Woods Hole, Mass.
August 24, 1954

Dr. W. R. Bailey
Enteric Laboratory
Laboratory of Hygiene
Dept. National Health and Welfare
Ottawa, Canada

My dear Bailey:

I am happy to reply to yours of the 17th.

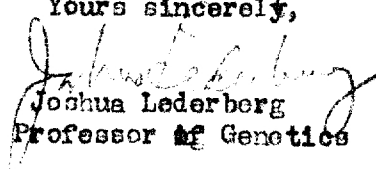
Boulgakov is located at the "Institut de Bacteriophage (d'Herelle)" in Paris; I can send you a more complete address, if you wish, when I return to Madison. Sertic has not been heard from for at least 15 years, is presumed dead.

On our request for flagellar-specific phages, Boulgakov sent us VIII-113 and another. The latter proved, however, to be an ordinary O-specific phage; the former indiscriminately lyses a number of different serotypes, but only flagellated forms, and has been useful in the selection of O-variants. I do not believe that any phages exist that are specific for H-antigen "d". (Felix' comment on this somewhere was based on a misreading of the papers, as far as I know.) At any rate, the only flagellar phage that seems to be carried in stock anywhere is the VIII-113.

I will be happy to send you a sample of this when I get back to Madison. As I may be quite busy, please allow me two or three weeks. I will also send you Boulgakov's full address. If I can help in any other way, please let me know.

For our own investigations, I would be grateful to have (eventually) any additional, reasonably stable non-flagellated mutants that may turn up, preferably in *S. typhimurium*, but acceptably in other group B or D. Would you keep this in mind? Unfortunately, the flagellar phage does not attack more than a small fraction of motile types, and often leaves resistant survivors only a few of which are stable non-flagellated mutants.

Yours sincerely,


Joshua Lederberg
Professor of Genetics