Dear Doctor Sabin:

Thank you for your very interesting letter of April 7, with answers to my questions on heterotypic antibody response to type I monovaccine and enclosure of an article from "Time" magazine. I was glad to learn that you had already observed heterotypic antibody response. I would like to follow your advice - to determine the persistence of heterotypic antibodies in triple-negative children, but this is probably impossible now because these children received the second dose.

I think that our observations on 58 triple-negatives present evidence of regular development of heterotypic antibody in sufficiently high titer (to type 2 after oral immunization with type I monovaccine and more seldom to type 3). Of course I can not as yet rule out chance coincidence of oral immunization with type I and latent infection with type 2, but we shall try to rule this possibility out by broad virological investigation of faeces from children in these institutions. It would be more difficult to rule out possible influence of preexistent latent immunity without detectable antibody.

We are very glad of your forthcoming visit to Moscow and I would like to suggest the following tentative program for your sojourn:

May 20 - arrival from Prague (according to your telegram)

May 21-22 - a small conference in our Institute with participants of investigations and application of vaccine from your strains (at this conference there will probably be 3 or 4 representatives of health offices from Czechoslovakia, Hungary and Poland, and also Professor Smorodintsev).
May 23-24 - Visits to the Academy of Medical Sciences, Ministry of Health, and rest.

May 25 or 26 - Plenary meeting of Moscow Society of microbiologists and virologists together with the Institute for Poliomyelitis Research. Reports:

1. Honorary member of All-Union Microbiological Society, Academician Albert B. Sabin "Experimental foundation and present status of live virus vaccine against poliomyelitis" - 30 minutes.

2. M. P. Chumakov and coworkers - "Preliminary results of investigations on immunization of population in Estonia and Latvia with live virus vaccine from Dr. Sabin's strains" - 30 minutes.

3. Chumakov M. P., Gagarina A. V. and others - "Characteristics of live virus vaccine prepared in Moscow from Dr. Sabin's strains" - 10 minutes.

4. A. A. Smorodintsev and coworkers - "Results of live virus vaccine investigations in Virology Department of Leningrad Institute of Experimental Medicine" - 45 minutes.

(About 500 people - experts in microbiology and virology - are expected to be present at this meeting).

May 26-27 - Continuation of your discussions with specialists and visits to laboratories.

May 27 - in the evening departure to Leningrad.

May 28-29 - In Leningrad. Your report at the Leningrad Society of Microbiologists, or, if you wish, a flight to Tallinn, Estonia, where we immunized children with your vaccine.

May 30 - in the morning return to Moscow. Conclusive discussions and visits to laboratories and Institutes.

May 31 or June 1 - your departure to Geneva.
I would like you to inform me of any wishes or changes you want to make in this tentative program.

I was sorry to learn of possible difficulties with your coming to our annual session this October and I am even ready to change its date to September 21-23 if it is convenient to you.

Personally I didn't receive any invitation to Munich and that's why didn't know of the date of the European Poliomyelitis Conference. Professor Zhdanov V.M. again assured me that at the Soviet Embassy in Washington they must have been already informed of your visit to Moscow.

Thank you again for the present news about our possible meeting in Washington at the WHO Conference on live virus vaccine.

Second vaccinations with live virus vaccine are in full progress in Estonia and Lithuania (first immunizations there involved about 1,200,000 people), and first immunizations are being carried out for about 2,500,000 people in Kazakhstan and a number of regions of the Russian Republic. Up to the present everything goes on very and very smoothly without any accidents!

Marina Konstantinovna and all our family send you our best wishes.

Yours sincerely,

M.P. Chumakov.

P.S. I was very interested and glad to read the "Time" article about your vaccine.