Dear Dr. Sabin:

The situation with strain Leiden 1956/32 in my laboratory is now as follows: Lines derived from various single particle cultures have presented the following pictures in intraspinally inoculated Cynomolgus monkeys:

1. One out of six lines produced paralysis, and typical cord lesions.
2. Two out of six lines produced paralysis, but cord lesions were present. These lesions, however, were not quite typical for poliomyelitis, although they were present in the anterior horn of the lumbar region, unilateral. They were not found in higher segments of the spinal cord. These lesions consisted of perivascular infiltrations, but an attack of motor nerve cells was doubtful. It could be, that they are non-specific, and, perhaps, be due to the intraspinal inoculation. They were found in only one of the two monkeys inoculated with each of the lines.
3. Three out of six lines failed to produce both paralysis and cord lesions.

Once more, I am convinced that the small number of monkeys inoculated does not permit to draw definite conclusions. Yet, I have some hope that you might succeed in separating one or more single particle cultures that will not produce cord lesions, or at least will behave something like the LSc variant, when tested in a larger number of monkeys.

I am repeating the whole story with purified single particle cultures and I am going to use more monkeys for intraspinical tests, as far as I can reasonably afford it.

With kindest regards,

Yours sincerely,

Dr. J.D. Verlinde