

# THE CHRIST HOSPITAL

CONDUCTED UNDER THE AUSPICES OF  
THE ELIZABETH GAMBLE DEACONESS HOME ASSOCIATION  
*Member of Community Chest*

MOUNT AUBURN - CINCINNATI 19, OHIO

INSTITUTE OF MEDICAL RESEARCH

July 3, 1950

Dr. Albert B. Sabin  
The Children's Hospital Research Foundation  
Elland and Bethesda  
Cincinnati, Ohio

Dear Albert:

Taking your note of the 29th literally, I am making two suggestions on your Conference Report.

I would like to see rewording of the last sentence, item 4, page 5, along the following lines.

"Assuming that the efforts of the coming six months would not yield an 8-aminoquinoline of sufficiently great activity against experimental poliomyelitis and low toxicity to suggest general usefulness against the human disease, it was unanimously agreed that the lead offered by isoplasmocid should not be abandoned at this point, but rather should be pursued vigorously in an effort to obtain broad and precise definitions of the relations between structure and antipoliomyelitic activity among the 8-aminoquinolines. This pursuit is especially justified by the fact that today the 8-aminoquinolines provide the sole lead for chemical control of poliomyelitis."

Rewording of the first paragraph, page 7, also seems desirable.

"From the beginning of this project attention has been given to the influence of substitution of the terminal amino group on antipoliomyelitic activity. One series of derivatives having primary, secondary, and tertiary terminal amino groups will be complete with synthesis of the first compound listed under item f, page 4. The two compounds suggested here will complete a second series which differs from the first by the alkyl grouping separating the nitrogens of the side-chain. Study of this second series is deemed important in order to determine whether the effects of substitution of the terminal amino group are modified by the character of the alkyl grouping which separates the side-chain

Dr. Albert B. Sabin

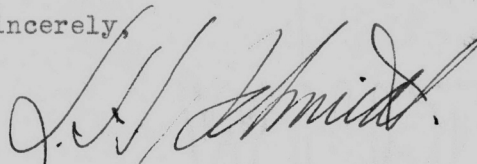
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nitrogens. Unexpected modifications of both toxicity and antimalarial activity have been produced by altering the alkyl grouping indicated above."

The above are really small items. I find no cause for criticism of any other parts. You have done an admirable job of consolidating an extended discussion.

Sincerely,

A handwritten signature in cursive script, appearing to read "L. H. Schmidt". The signature is written in dark ink and is positioned to the right of the word "Sincerely,".

L. H. Schmidt

vpb