

21st October, 1966

Dr. A. Hofmann,
 Mettelle Institut e.V.,
 Frankfurt Am Main No. 13,
 Niedboderstrasse,
 F. Germany.

Dear Dr. Hofmann,

Hyperplasia Test

Thank you for sending the results from the first three September experiments.

When we discussed the Hyperplasia Test during my last visit to Frankfurt, we agreed that we needed information on two points:

1. We do not know the reproducibility of the test on a month to month basis. We decided, therefore, to examine each month the condensate (3 x 50 mg) from the control cigarette (K).
2. The aim of our work is to develop a short-term test procedure in which the results obtained will act as a guide to the type of result obtained if condensate from the same cigarette is used in a long-term skin-painting test. It is possible that a better correlation of results might be obtained if the neutral fraction of condensate is examined in the hyperplasia test. We agreed, therefore, that it was feasible to also examine each month two new samples of cigarettes. With these two cigarette samples, however, not only would the normal condensate be examined but also the neutral fraction of the condensate.

Under separate cover I am sending a sample of cigarettes coded R.973 which can be used in the November experiments. For the second sample of cigarettes we would like you to use the cigarettes coded 224003. Dr. Wiedreich has a large supply of these cigarettes for a toxicity trial and should be able to let you have sufficient cigarettes for examination by the hyperplasia test. These are filter-tipped cigarettes and should be smoked to a butt length of filter length + 8 mm of tobacco i.e. a total butt length of 24 mm.

Summarising the November experiments:

- (i) Cigarette R.973: 3 x 50 mg condensate
- (ii) Cigarette R.973: 3 x 50 mg condensate
- (iii) Cigarette R.973: 3 x 50 mg neutral fraction
- (iv) Cigarette 224003: 3 x 50 mg condensate
- (v) Cigarette 224003: 3 x 50 mg neutral fraction

c.c. Dr. S. J. Green: Sir Charles Ellis
 Janus File

c.c. Dr. F. Schwick: Dr. W. Wiedreich

Yours sincerely,


 G. L. AYER

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