

RESEARCH AND DEVELOPMENT ESTABLISHMENT

BRITISH-AMERICAN TOBACCO COMPANY LIMITED

Regent's Park Road Southampton

CIA/VEC/46D-2

Telephone Southampton 72166

3rd March, 1966

Dr. W. Miedreich,
Battelle Institut e.V.,
Frankfurt am Main W13,
Wiesbadenerstrasse,
W. Germany.

Dear Dr. Miedreich,

I am enclosing for your comments a copy of a note I prepared for Dr. Felton on the distribution of the long-term experiments within the animal rooms. This scheme has been fully discussed in Southampton, and I would think that it is probably very similar to the scheme mentioned in your letter of 14th February. Your detailed comments, however, are clearly of the greatest importance.

We have ordered supplies of benzpyrene and dibenzanthracene which, on arrival, we will purify and ensure that samples are in your hands before June 1st.

I will be writing later to give you details of the dose, frequency of painting etc. to be used in the mouse calibration experiments and also to let you know whether the mice should be vaccinated.

Yours sincerely,



C.I. Ayres

Enc:

c.c. Dr. W. Schwick

1000001

Handwritten notes:
 10/27/66
 How many mice?
 See you?

Project JANUS: Distribution of experiments within the animal rooms

The mice for the first long-term experiment will arrive at Battelle on the 1st June, 1966. A decision has yet to be taken on the exact nature of the distribution of the experiments within the animal rooms.

The following scheme is suggested for consideration. Each experiment is to be split between three rooms, the control mice are divided between the four rooms whilst the calibration of the mice is confined to a single room.

Room A

Unpainted controls:		33 mice	11 cages
Solvent painted controls:		33 mice	11 cages
Experiment I:	25 mg dose	84 mice	28 cages
	50 mg dose	84 mice	28 cages
	100 mg dose	84 mice	28 cages
Spare mice		<u>33 mice</u>	<u>11 cages</u>
	Total	351 mice	117 cages

Room B

As in Room A

Room C

As in Room A

Room D

Unpainted controls:		33 mice	11 cages
Solvent painted controls:		33 mice	11 cages
Calibration	Benzpyrene for 13 weeks	25 mice	9 cages
	Benzpyrene for 26 weeks	25 mice	9 cages
	Dibenzanthracene for 13 weeks	25 mice	9 cages
	Dibenzanthracene for 26 weeks	25 mice	9 cages
	Total	166 mice	58 cages

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This scheme involves a very small change in the numbers of mice which can readily be accommodated i.e.,

Controls: 264 mice instead of 250

Each experiment: 756 mice instead of 750

The second experiment will be divided in a similar manner between Rooms B, C and D whilst the calibration experiment will enter Room A. Subsequent experiments will follow on a similar rotation.

It would appear important that we send a proposed scheme to Dr. Miedreich for comment as soon as possible since the nature of the scheme will determine, inter alia, rate of recruiting, choice of colour coding etc.

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CIA/VEC/46D-2

3rd March, 1966

Dr. A. Hofmann,
Battelle Institut e.V.,
Frankfurt am Main W13,
Miesbadenerstrasse,
W. Germany.

Dear Dr. Hofmann,

I am writing to confirm our telephone conversation in which we agreed on the next sequence of experiments for the Hyperplasia test.

In all five experiments the mice and cigarettes will be:

Mice: ⁴²⁴ASL test mice. All mice taken from a single shipment
Cigarette: 270R
Smoking: 35 ml puff volume. Cigarettes smoked to a 23 mm butt
Dose: 50 mg of fresh condensate

Experiment 1

One painting followed by 6 recovery measurements 48 mice

Experiment 2

Two paintings followed by 6 recovery measurements 54 mice

Experiment 3

Three paintings followed by 6 recovery measurements 60 mice

Experiment 4

Four paintings followed by 6 recovery measurements 66 mice

Experiment 5

Five paintings followed by 6 recovery measurements 70 mice
70 mice
298 mice

The shipment of mice will probably total only 200-205 and therefore we will have to cut down some of the mouse requirements for experiments 1-5. You will decide exactly where mice can be "saved" but suggested possibilities were

- (a) To use only 6 mice as controls rather than 30 mice.
- (b) To sacrifice only 5 mice rather than 6 for some of the measurements.
- (c) To have only 5 rather than 6 recovery measurements in Experiment 1.

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Dr. A. Hofmann

-2-

3rd March, 1906

I had a telephone call from a colleague of Dr. Kierul making for a supply of cigarettes. I am sending under separate cover 5000 cigarettes coded 27bR. The parcel will be addressed to Dr. Miedreich and will probably leave London Air Port on Monday, 7th March.

Yours sincerely,



C.I. Agres

c.c. Dr. W. Schwick
Dr. S.J. Green
Sir Charles Ellis
JANUS File

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RESEARCH & DEVELOPMENT ESTABLISHMENT

INDENT
ON SOTON BRANCH

FOR DELIVERY TO: DR. W. MULLINBACH BATTELLE INSTITUTE E.V. FRANKFURT AM MAIN W 13 VIERSGANGENSTRASSE GERMAN FEDERAL REPUBLIC		PLACED WITH: By: <i>W. Mullinbach</i> / Shipping Dept	ORDER No. RD/A 3476
		DATE REQ'D. AS EARLY AS POSSIBLE	DATE 2/3/56
QTY.	MATERIAL	ALLOCATION	
5070 It	Cigarettes, plain Code No. 276R 70 x 25 mm. @ 26 1/2 to the ounce Moisture Content Percentage of paper Certificate attached The above to be reweighed without opportunity to above, NO CHARGE ^{certified} _{analysis} to be sent. The phrase "Samples required for Research Purposes Only" should be used. All charges for % R.D.E. (Project 3500)		
ORIGINAL Form No. RD/7		Signed <i>W. Mullinbach</i>	

JANUS FILE

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Telephone Southampton 72466

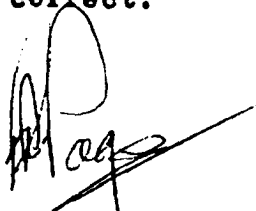
3rd March, 1966.

5070 Plain Cigarettes

Code No. 276R

Number of cigarettes to 1 lb:	424
Percentage of paper:	3.7
Moisture Content:	14.37
Rate of duty:	100% @ 87/4½d.

We certify that the above figures are correct.



N. R. Page

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