

HDA/VB/46D

9th August 1962.

Dear

Professor Blacklock is wellknown to us and has been successful in producing malignant bronchogenic cancers in the lungs of rats from cigarette condensate. To do this he injected massive doses into the lung after a thoracotomy, and the condensate was mixed with eucerin (Unguentum Aquosum in British Pharmacopoeia 1958, page 715) which made the mixture of a consistency that would go through a fine needle and be retained at the site of inoculation. It also helped to neutralise the toxic effect of the nicotine. This gave a massive dose which remained in contact with the tissues over the whole life of the animal and Blacklock comments "Indeed it is surprising that a larger number of malignant tumours were not produced as the conditions were ideal. This, however, may be evidence that tobacco condensate is not a strong carcinogen."

I think this paper is important because it is possibly the only case where a true lung tumour has been produced by means of tobacco condensate. Therefore, I thought you would like to have a copy which Sir Charles has kindly obtained for me from Professor Blacklock.

With kindest regards,

Yours sincerely,

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(Sgd.) H.D. Anderson.

Encl.

The above letter sent to -

- T.M. Wade, Esq. Jnr., Louisville.
- L.C. Laporte, Esq., Montreal.
- W.W. Reid, Esq., Australia.

Research & Development
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