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Nicotine Conference
Southampton, 6-8th June, 1984

OUTLINE AGENDA

WEDNESDAY

Introduction - including re-cap on aims C.I. Ayres
(Chairman)

Session I Dose of Nicotine - background

- a) Nicotine titration - fact or fantasy GR&DC?
Montreal?
- b) Nicotine threshold - does it exist? GR&DC?
Montreal?
- c) Nicotine and elasticity Hamburg
- d) ?

Session II Dose of Nicotine - can we measure effectively?

- a) Relevance of nicotine/cotinine measurements in body fluids GR&DC?
Louisville?
Hamburg?
- b) Human nicotine pharmacokinetics GR&DC?
Louisville?
Hamburg?
- c) Nicotine retention and its quantification GR&DC
- d) ?

Session III Effects of nicotine - sensory/psychological

- a) Sensory properties of nicotine GR&DC
- b) Psychological aspects of smoking (Gale approach) GR&DC
- c) ?

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THURSDAY

Session IV Effects of nicotine - interaction with the CNS
("pharmacology")

- a) Characterisation of the nicotine receptor GR&DC
- b) Adaptation of the CNS of the rat to nicotine infusion GR&DC
- c) Agonists/antagonists GR&DC
- d) What role of encephalins? Louisville
- e) ?

Session V Effects of nicotine - interactions with peripheral tissues ("physiology")

- a) Physiological responses
 - (i) Animal studies GR&DC
 - (ii) Human studies
- b) Upper respiratory tract stimulation GR&DC
- c) Maximising URT stimulation by modification of smoke aerosol GR&DC
- d) Nicotine and body weight gain GR&DC
- e) ?

FRIDAY

Session VI Product modification for maximal nicotine effects

- a) Relative importance of the different body interactions with nicotine GR&DC
- b) Nicotine analogues GR&DC
- c) Non-cigarette approaches GR&DC
- d) ?

Session VII General Session

- a) Identification of strengths/weaknesses and future direction of research

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