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Nota di contenuto	ANIMAL BEHAVIOUR AND DRUG ACTION; Contents; Middlesex Hospital Medical School Sessions; Session 1: Behavioural Analysis of Drug Action; The analysis of motivational effects illustrated by experiments on amylobarbitone; Discussion; Effects of drugs on operant conditioning; Discussion; The influence of drugs upon memory; Discussion; The structure of social behaviour and drug action; Discussion; Discrimination and the frontal lobes of monkeys; Session 2: Neurophysiological and Biochemical Correlates of Behavioural Effects of Drugs; Amphetamine and neural reward mechanisms; Discussion EEG correlates of drug effectsDiscussion; The effect of physostigmine and atropine on the mechanism of learning; Discussion; The acetylcholine system; Discussion; Effects of some poisonous substances on the central nervous system; Differential effect of

rympathomimetic amines on the central nervous system; Discussion; Session 3: Factors which Modify Effects of Drugs on Behaviour; Schedules of reinforcement; Discussion; Modification of behavioural effects of drugs by past experience; Discussion; The hereditary base for the action of drugs on animal behaviour; Discussion
The effects of group composition on drug actionDiscussion; Modification of the effects of drugs on behaviour by the nutritional state; Discussion; General Discussion; Session 4: Relevance of Behavioural Effects o f Drugs in Animals to Effects in Man; Screening tests and prediction from animals to man; Prediction of drug effects from animals to man; Discussion; Prediction of clinical effects of psychotropic drugs from animal data; Discussion; Prediction of clinical response from animal data: a need for theoretical models; Discussion; Prediction from man to animals
Ciba Foundation Sessions on Intermediation between Administered Drugs and Behavioural EffectsSession 1: The Biochemical Approach; Introduction; Discussions; Cause-and-effect relationships; Variability in response of nervous tissue to stimulation; Spreading depression.; Ribonucleic acid and behaviour; Session 2: The Electrophysiological Approach; Introduction; Discussions; Dissociation of EEG and behaviour; Dose levels in animals and man; Effect of drugs on eating and drinking; Session 3: The Neurophysiological Approach; Introduction; Discussions
Depressant effects of intraventricular adrenalineSpreading depression; Localization of brain function; Session 4: The Pharmacological Approach; Introduction; Discussions; Transmitter substances; Screening tests; Ciba Foundation Sessions on the Relevance of Behavioural Effects of Drugs in Animals to their Effects in Man; Session 5: Extrapolation from Animals to Man; Introduction; Discussions; Selection of behavioural tests; Experiments on animals and man with drug mixtures; Strain and sex differences; Catatonia; Extrapolation from normal to abnormal
Factors which modify the effects of drugs on behaviour

Sommario/riassunto

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