

# CONTENTS

## Part 1, September 1975

- General Introduction: Control of Drug-taking Behavior by Schedules of Reinforcement. R. T. KELLEHER AND S. R. GOLDBERG ..... 291

### I. Drug Injections as Events That Control Behavior

- Introduction: The Control of Behavior by Consequent Drug Injections. W. H. MORSE ..... 301
- Characteristics of Behavior Controlled by Scheduled Injections of Drugs. R. T. KELLEHER ..... 307
- Stimuli Associated with Drug Injections as Events That Control Behavior. S. R. GOLDBERG ..... 325

### II. Complex Schedules of Drug Injection

- Introduction: Complex Schedules of Drug Injection. R. T. KELLEHER AND S. R. GOLDBERG ..... 341
- Pharmacological and Environmental Variables Affecting Drug Preference in Rhesus Monkeys. C. E. JOHANSON ..... 343
- Discrete-trial Choice Procedure: Effects of Naloxone and Methadone on Choice between Food and Heroin. R. R. GRIFFITHS, R. M. WURSTER AND J. V. BRADY ..... 357
- Concurrent Schedules of Cocaine Injection in Rhesus Monkeys: Dose Variations under Independent and Non-independent Variable-interval Procedures. C. IGLAUER, M. E. LEWELLYN AND J. H. WOODS ..... 367
- Drug Effects and Concurrent Performances. A. C. CATANIA ..... 385

### III. Schedules of Termination of Drug Injections

- Introduction: Schedules of Termination of Drug Injections. S. R. GOLDBERG AND R. T. KELLEHER ..... 395
- Naloxone as a Negative Reinforcer in Rhesus Monkeys: Effects of Dose, Schedule, and Narcotic Regimen. D. A. DOWNS AND J. H. WOODS ..... 397

Termination of a Schedule Complex Associated with Intravenous Injections of Nalorphine in Morphine-dependent Rhesus Monkeys. A. H. TANG AND W. H. MORSE .....	407
Psychotropic Drugs as Negative Reinforcers. F. HOFFMEISTER AND W. WUTTKE .....	419
Drug Effects and the Environmental Control of Behavior. J. W. McKEARNEY .....	429
Drug Injections as Negative Reinforcers. W. C. HOLZ AND C. A. GILL ..	437

## Part 2, December 1975

### IV. Schedule-induced Polydipsia and Oral Intake of Drugs

Introduction: Schedule-induced Polydipsia and Oral Intake of Drugs. P. B. DEWS .....	447
Schedule-induced Physical Dependence on Ethanol. J. L. FALK AND H. H. SAMSON .....	449
The Function of Schedule-induced Polydipsia in Establishing Ethanol as a Positive Reinforcer. R. A. MEISCH .....	465
Schedule-induced Narcotic Ingestion. J. D. LEANDER AND D. E. McMILLAN .....	475
Schedule-induced Polydipsia and Oral Intake of Drugs. N. K. MELLO ..	489

### V. Behavioral Factors in Human Drug Abuse

Introduction: Behavioral Factors in Human Drug Abuse. N. A. KRASNEGOR .....	499
Some Methodological Problems in Assessing Dependence-producing Properties of Drugs in Animals. T. YANAGITA .....	503
Drugs as Reinforcers in Monkey and Man. C. R. SCHUSTER .....	511
Experimental Human Drug Self-administration: Methodology and Application to the Study of Sedative Abuse. G. BIGELOW, R. GRIFFITHS AND I. LIEBSON .....	523
Experimental Analysis of Conditioning Factors in Human Narcotic Addiction. C. P. O'BRIEN .....	533
Are the Techniques and Results of Studies of Self-administration of Drugs Useful in Other Areas of Psychobiology. P. B. DEWS .....	545