

Drinking Behavior Oral Stimulation Reinforcement And Preference

Roger Dale Reidelberger



Drinking Behavior Oral Stimulation Reinforcement And Preference:

Drinking Behavior J. Weijnen, 2012-12-06 This is the first book that is devoted entirely to a discussion of the effects on drinking behavior of sensory stimulation of the tongue and mouth As Blass and Hall J 976 have recently pointed out there has been an overrejection of the emphasis by Cannon 1932 and Hull 1943 on the peripheral origins e g dry mouth empty stomach of the control of ingestive behavior Thus most present day investigators of drinking behavior have been concentrating on central mechanisms of control to the neglect of the periphery In this volume we have attempted to bring together much of the pertinent peripheral literature through originally written chapters that are concerned with the role of orosensory factors in the mediation of drinking and licking Postingestive effects of fluids receive little attention Indeed two chapters deal with consummatory licking in the absence of intake of fluids A good understanding of the consequences of orosensory stimulation on licking and drinking behavior requires insight into the functional anatomy of the tongue and mouth the characteristics of the licking response and the problem of recording of licking behavior Several chapters deal with these subjects It has not only been a pleasure but also a privilege to edit this volume We have learned much from the expert treatment of the different aspects of licking and drinking behavior by the chapters authors

The Physiology of Thirst and Sodium Appetite G. de Caro, A.N. Epstein, M. Massi, 2013-12-11 The behavioral neuroscience of thirst and sodium appetite are research ventures that have expanded dramatically in recent years Work done in the mid 1950s and early 1960s made it clear that drinking behavior could be affected by direct manipulations of the brain especially by brain damage and by pharmacological treatments Since that time experimental approaches have diversified and the research enterprise has attracted the interest of a broad international community of scientists Many aspects of both thirst and sodium appetite are being studied The most prominent of these are 1 phylogenetic and ontogenetic aspects of the phenomena of drinking behavior 2 the mechanisms of a variety of dipsogenic and antidipsogenic treatments both drugs and hormones 3 the biological controls of drinking and their interaction with the regulation of blood volume and blood pressure 4 the peripheral signals of drinking including the role of the baro and volume receptors 5 the receptor systems within the brain and the neuroanatomical circuitry for thirst and sodium appetite and 6 the possible roles of brain sodium and of the hormones of sodium conservation In the arousal of sodium appetite This acceleration of basic research activity has given insights into the clinical disorders of thirst and salt appetite and has produced pharmacological agents of potential therapeutic use

Thirst David J. Ramsay, David Booth, 2012-12-06 At one time or another everyone has said I am thirsty Yet what causes this sensation of thirst It is obvious that a certain quantity of fluid must be present for the body to function normally How does a water deficit in the body then influence drinking habits But supposing the physiological need is met what about the psychological need or social need Water is certainly the most necessary fluid then why do we humans often prefer other beverages even at great cost of effort or money or health The subject of thirst and drinking behavior are uniquely discussed in this book For the first time both the physiological and the

psychological aspects of water and beverage consumption are examined in one volume The many recent developments concerning how a lack of water is signalled physiologically and processed neurally to affect drinking behavior are critically surveyed Prospects for understanding the cultural and sensory influences on beverage consumption are mapped out The thirty one chapters by authorities in the field were all mutually reviewed and revised in the light of precirculated comments and round table discussions Together they provide a complete picture of the current state of knowledge on what determines fluid consumption in human beings and animals *Animal Cognition and Behavior* R.L. Mellgren,2000-04-01 Contributed chapters by psychologists and behavioral biologists provide a broad coverage of animal behavior and governing brain processes Topics covered include foraging behavior and strategies economics and psychology memory of events and space time perception expectancies food preferences and diet selection behavior variability and the concept of mind The volume is designed to satisfy an interdisciplinary audience embracing the behavioristic tradition biological and physiological approaches and evolutionary theory as philosophical underpinnings to the chapters Also achieved in this work is a good balance between empirical results and theory *Thirst* Barbara J. Rolls,Edmund T. Rolls,1982-03-18 This book describes the control of thirst and water intake and the physiology and psychology of drinking Food Choice, Acceptance and Consumption H.J.H. MacFie,Herbert L. Meiselman,2012-12-06 It is critical for the food industry to maintain a current understanding of the factors affecting food choice acceptance and consumption since these influence all aspects of its activities This subject has matured in recent years and for the first time this book brings together a coherent body of knowledge which draws on the experiences in industrial and academic settings of an international team of authors Written for food technologists and marketeers the book is also an essential reference for all those concerned with the economic social and psychological aspects of the subject **Toxicology Of The Eye, Ear, And Other Special Senses** A. Wallace Hayes,1985-06-30 Report on program for control of electromagnetic pollution of the environment; the assessment of biological hazards of nonionizing electromagnetic radiation United States. National Telecommunications and Information Administration,1979 Advances in Endogenous and Exogenous Opioids Hiroshi Takagi,Eric J. Simon,2013-10-22 *Advances in Endogenous and Exogenous Opioids* contains the proceedings of the International Narcotic Research Conference Satellite Symposium of the 8th International Congress of Pharmacology held in Kyoto Japan on July 26 30 1981 The conference provided a forum for discussing advances that have been made in the understanding of endogenous and exogenous opioids and tackled a wide array of topics ranging from novel opiate binding sites selective for benzomorphan drugs to the purification of opioid receptors and sequelae of receptor binding Comprised of 156 chapters this book begins with an analysis of the interaction of opioid peptides and alkaloid opiates with mu delta and kappa binding sites The reader is then systematically introduced to biochemical evidence for kappa and sigma opiate receptors the action of morphine and oxymorphone as partial agonists on the field stimulated rat vas deferens mechanisms of supersensitivity in the

enkephalinergic system and properties of the solubilized opiate receptor from human placenta Subsequent chapters explore the biosynthesis of opioid peptides as well as their localization release and degradation physiological and pharmacological actions of opioids and the use of analgesia in acupuncture Results of behavioral and clinical studies of endogenous and exogenous opioids are also presented and the structure activity relationships of opioids are examined This monograph will be of interest to students practitioners and researchers in the fields of psychiatry and pharmacology

Environmental Health Perspectives ,1993 **NTIA Report** ,1978 *Motivation and Desire* William J. Freed,2022-09-01 Some of our time is spent eating and drinking and some is spent on matters regarding reproduction Some of us seek fame or recognition while others seek satisfaction internally with little need for recognition Some people study for success in a profession while others might study rocks birds or French literature for no apparent reason other than to know about it Why are we motivated to engage in so many apparently unrelated activities This book places our various activities into categories thus providing a framework for understanding how everything that we do fits together and is based on brain mechanisms Disturbances in motivation play important roles in autism depression Parkinson s disease and addiction Understanding the motivational aspects of these disorders can help to inform our approach to these conditions This book may be of value for students in psychology counseling management and anyone who is interested in understanding our daily behavior

Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office,1979 **Post-gastric Mechanisms in the Control of Short-term Food Intake in the Rat** Roger Dale Reidelberger,1981 **Feeding and Drinking** Frederick M. Toates,Neil E. Rowland,1987 This volume describes the detailed techniques of how experiments on eating and drinking are performed interpreting the results and constructing explanatory theories and models The logic behind the methods is described and widely scattered information and techniques passed on as laboratory folklore are brought together Each chapter is written by an expert either responsible for developing or extensively using the technique in question The book will appeal to experimental psychologists and neural scientists working on ingestive behavior as well as physiologists and nutritionists

Behavioral Analysis of Drug Dependence Steven R. Goldberg,Ian P. Stolerman,1986 Progress in Psychobiology and Physiological Psychology James M. Sprague,Alan N. Epstein,2013-10-22 Progress in Psychobiology and Physiological Psychology Volume 11 is a collection of studies that discuss certain topics in behavioral neuroscience from different experts in the field The book is divided into four chapters Chapter 1 discusses palatability of food as a response measure Chapter 2 tackles the trigeminal system trigeminal orosensation and ingestive reflexes and the relationship of trigeminal denervation and operant behavior Chapter 3 talks about the role of the stomach in the process of satiety and Chapter 4 covers functional organization of X W and Y cell pathways

Handbook of Applied Behavior Analysis, Second Edition Wayne W. Fisher,Cathleen C. Piazza,Henry S. Roane,2021-07-14 Widely regarded as the authoritative work on the principles and practice of applied behavior analysis ABA this indispensable volume is now in a revised and expanded second

edition Leading experts present evidence based procedures for supporting positive behaviors and reducing problem behaviors with children and adults in diverse contexts Chapters delve into applications in education autism treatment addictions behavioral pediatrics and other areas Covering everything from behavioral assessment and measurement to the design and implementation of individualized interventions the Handbook is a complete reference and training tool for ABA practitioners and students New to This Edition Incorporates key advances in research theory and clinical practice Chapters on additional applications school consultation pediatric feeding disorders and telehealth services Chapters on quantitative analysis of behavior matching and behavioral momentum theory and behavioral economics Updated discussions of professional issues ABA certification and technology tools The Neurobiology of Opiate Reward Processes James E. Smith (Jr.), John D. Lane, 1983 **Brain, Behavior and Evolution** , 1984

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