
The “Drunken” Synapse

Studies of Alcohol-Related Disorders



Edited by Yuan Liu and Walter A. Hunt

Drunken Synapse Studies Of Alcohol Related Disorders

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Drunken Synapse Studies Of Alcohol Related Disorders:

The “Drunken” Synapse Yuan Liu, Walter A. Hunt, 2012-12-06 Over the past two years the National Institute on Alcohol Abuse and Alcoholism NIAAA has begun a series of symposia to highlight the need for more integrative research to understand how ethanol alters behavior Much of the research to date has dealt either at the molecular level or has been whole animal studies More studies are needed to build our base of knowledge between these two extremes by focusing more on cellular and network levels of organization To begin this focus on the intermediate steps in this scheme the NIAAA presented a satellite symposium entitled Approaches for Studying Neural Circuits Application to Alcohol Research held at the Annual Meeting of the Society for Neuroscience in Washington DC on November 16 1996 This symposium brought together a group of scientists who presented their work on techniques used to study neural circuits The proceedings of that symposium were published Y Liu Ed Approaches for Studying Neural Circuits Application to Alcohol Research Alcohol Clin Exp Res 1998 Feb 22 1 j6 Methods in Alcohol-Related Neuroscience Research Yuan Liu, David M. Lovinger, 2002-02-14 Written by a panel of experts Methods in Alcohol Related Neuroscience Research not only provides information of a technical nature but also gives an overview of the many areas in investigating the effects of alcohol on the brain It gives technical guidance for investigators doing research at the molecular cellular systems and behavioral levels These techniques include a wide variety of approaches ranging from gene mapping and examination of molecular interactions of alcohol at the sub cellular level to recording of neural activities in freely behaving animals and imaging alcohol effects on the living human brain *Review of NIAAA's Neuroscience and Behavioral Research Portfolio* Antonio Noronha, Michael Eckardt, Kenneth Rabinowitz Warren, 2000 *Neurobiology of Addiction* George F. Koob, Michel Le Moal, 2005-11-11 Neurobiology of Addiction is conceived as a current survey and synthesis of the most important findings in our understanding of the neurobiological mechanisms of addiction over the past 50 years The book includes a scholarly introduction thorough descriptions of animal models of addiction and separate chapters on the neurobiological mechanisms of addiction for psychostimulants opioids alcohol nicotine and cannabinoids Key information is provided about the history sources and pharmacokinetics and psychopathology of addiction of each drug class as well as the behavioral and neurobiological mechanism of action for each drug class at the molecular cellular and neurocircuitry level of analysis A chapter on neuroimaging and drug addiction provides a synthesis of exciting new data from neuroimaging in human addicts a unique perspective unavailable from animal studies The final chapters explore theories of addiction at the neurobiological and neuroadaptational level both from a historical and integrative perspective The book incorporates diverse findings with an emphasis on integration and synthesis rather than discrepancies or differences in the literature Presents a unique perspective on addiction that emphasizes molecular cellular and neurocircuitry changes in the transition to addiction Synthesizes diverse findings on the neurobiology of addiction to provide a heuristic framework for future work Features

extensive documentation through numerous original figures and tables that that will be useful for understanding and teaching

Purinergic and Pyrimidinergic Signalling Maria P. Abracchio, Michael Williams, 2001-02-12 Physiological pharmacological and molecular biological data generated over the past three decades have demonstrated the existence of two major families of extracellular receptors the P1 a family of four G protein coupled receptors and the P2 a family of at least 12 receptors responsive to purine ATP ADP and pyrimidine UTP nucleotides through which adenosine and ATP can function as extracellular messengers The present two part volume represents an integrated compendium of invited chapters by leading researchers in the area focusing on advances in the understanding of purinergic and pyrimidinergic signaling systems their role s in tissue function and pathophysiology and advances in developing potential new medications based on the modulation of P1 and P2 receptor signaling processes The volumes will thus provide the reader with a topical comprehensive and integrated overview of this important area

Alcohol George F. Koob, Michael A. Arends, Mandy L. McCracken, Michel Le Moal, 2021-07-07 A current survey and synthesis of the most important findings in our understanding of the neurobiological mechanisms of addiction is detailed in our Neurobiology of Addiction series each volume addressing a specific area of addiction Alcohol Volume 3 in the series explores the molecular cellular and neurocircuitry systems in the brain responsible for alcohol addiction using the heuristic three stage cycle framework of binge intoxication withdrawal negative affect and preoccupation anticipation Outlines the history and behavioral mechanism of action of alcohol relevant to the neurobiology of alcohol addiction Includes neurocircuitry cellular and molecular neurobiological mechanisms of alcohol addiction in each stage of the addiction cycle Explores evolving areas of research associated with all three stages of the alcohol addiction cycle including neurobiological studies of neurodevelopmental effects of early exposure to alcohol sleep disturbances caused by alcohol pain interactions with alcohol sex differences in the response to alcohol and epigenetic genetic interactions with alcohol

American Book Publishing Record R.R. Bowker Company, 1978

Proceedings of the ... International Workshop on Anesthetic Mechanism ,1999

Scientific Report Scripps Research Institute, 2000

Proceedings of the National Academy of Sciences of the United States of America National Academy of Sciences (U.S.), 2003

Basic and Translation Research in Learning and Memory Adebobola Imeh-Nathaniel, Lauren A. Fowler, Sylvester Olubolu Orimaye, 2023-05-17

The British National Bibliography Arthur James Wells, 2000

Directory of Published Proceedings ,2000

Subject Guide to Books in Print ,2001

Brinkman's cumulatieve catalogus van boeken ,2000 Voorts een alfabetische lijst van Nederlandsche boeken in Belgi uitgegeven

Journal of Studies on Alcohol and Drugs ,2009-07

Alcohol, drug abuse, mental health, research grant awards. 1988 [publ 1989] ,1989

Brinkman's catalogus van boeken en tijdschriften ,2001 With 1901 1910 1956 1960 Repertoium is bound Brinkman s Titel catalohus van de gedurende 1901 1910 1956 1960 Title varies slightly

A Handbook on Drug and Alcohol Abuse Gail Winger, Frederick G. Hofmann, James H. Woods, 1992 A comprehensive source of pharmacological and

medical information drug abuse this acclaimed text has been thoroughly revised and updated Two new chapters have been added one on cocaine the other on nicotine and tobacco Detailed well organized and authoritative this text emphasizes important similarities and differences among patterns of drug use and offers a clear and critical survey of a wide range of experimental and clinical studies All major drugs of abuse are covered The medical diagnosis and pharmacological management of drug abuse are considered and the book concludes with a discussion of legal aspects **Annual Report - Alcoholism and Drug Addiction Research Foundation** Addiction Research Foundation of Ontario,1985

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