CONTENTS

Genetics and Molecular Biology

Discriminative Stimulus Effects of Ethanol in C57BL/6J and DBA/2J Inbred Mice
Keith L. Shelton and Kathleen A. Grant ........................................... 747

Decreased Ethanol Preference and Consumption in Dopamine Transporter Female Knock-Out Mice
Katerina V. Saveleva, W. Michael Caulfield, Geoffrey S. Findlay, Marc G. Caron, and Gary W. Miller ......................... 758

The Selectively Bred High Alcohol Sensitivity (HAS) and Low Alcohol Sensitivity (LAS) Rats Differ in Sensitivity to Nicotine
NancyEllen C. de Fiebre, Ralph Dawson, Jr, and Christopher M. de Fiebre ......................................................... 765

Ethanol Sensitivity in ATP-Gated P2X Receptors Is Subunit Dependent
Daryl L. Davies, Tina K. Machu, Yumei Guo, and Ronald L. Alkana ................................................................. 773

Pharmacology and Cell Metabolism

Alcohol Modulation of Neuronal Nicotinic Acetylcholine Receptors Is α Subunit Dependent
Yi Zuo, Alexander Kuryatov, Jon M. Lindstrom, Jay Z. Yeh, and Toshiro Narahashi .................................................. 779

Neurobiological, Behavioral, and Environmental Relations to Drinking

Kindling of Withdrawal: A Study of Craving and Anxiety After Multiple Detoxifications in Alcoholic Inpatients
Theodora Duka, Julia M. Townshend, Kirsty Collier, and David N. Stephens .......................................................... 785

The Decreased Cellular Expression of Neuropeptide Y Protein in Rat Brain Structures During Ethanol Withdrawal After Chronic Ethanol Exposure
Adip Roy and Subhash C. Pandey ......................................................... 796

Temporal Discrimination Learning in Abstinent Chronic Alcoholics
Regina McGlinchey-Berroth, Catherine B. Fortier, Laird S. Cermak, and John F. Disterhoft ........................................... 804

Role of Acetaldehyde in the Discriminative Stimulus Effects of Ethanol
Etienne Quertemont and Kathleen A. Grant ........................................ 812

Effects of Stress and Alcohol on Subjective State in Humans
Anna H. V. Söderpalm and Harriet de Wit ........................................ 818

Biphasic Alcohol Response Differs in Heavy Versus Light Drinkers
Andrea C. King, Tim Houle, Harriet de Wit, Louis Holdstock, and Alyson Schuster ...................................................... 827

Diagnosis and Treatment

Preoperative Evaluation of Chronic Alcoholics Assessed for Surgery of the Upper Digestive Tract
M. J. Martin, C. Heymann, T. Neumann, L. Schmidt, F. Soost, B. Mazurek, B. Böhm, C. Marks, K. Helling,
E. Lenzenhuber, C. Müller, W. J. Kox, and C. D. Spies ................................................................. 836

continued on page ii
CONTENTS (continued from page i)

Alcohol Effects on the Fetus, Brain, Liver, and Other Organ Systems
Attenuated Heart Rate Responses to Public Speaking in Individuals With Alcohol Dependence
   *Tera L. Panknin, Stacey L. Dickensheets, Sara J. Nixon, and William R. Lovallo* .................................................. 841
Maternal Dietary Ethanol Consumption Is Associated With Hypertriglyceridemia in Adult Rat Offspring
   *J. S. Pennington, T. I. Shuaeva, and S. N. Pennington* ................................................................. 848
Detection and Localization of Protein-Acetaldehyde Adducts in Rat Brain After Chronic Ethanol Treatment
   *Sudarshan C. Upadhya and Vijayalakshmi Ravindranath* ................................................................. 856
Epidermal Growth Factor Protects the Liver Against Alcohol-Induced Injury and Sensitization to Bacterial Lipopolysaccharide
   *Ion V. Deaciu, Nympha B. D’Souza, Ravshan Burikhanov, Eun Y. Lee, Corneliu N. Tarba, Craig J. McClain,
   and Willem J. S. de Villiers* ........................................................................................................ 864
Acquisition and Retention of Verbal and Nonverbal Information in Children With Heavy Prenatal Alcohol Exposure
   *Sarah N. Mattson and Tresia M. Roebuck* .................................................................................. 875
Ethanol Consumption Increases Nitric Oxide Production in Rats, and Its Peroxynitrite-Mediated Toxicity Is Attenuated by Polyenylphosphatidylcholine
   *Enrique Baraona, Guillermo A. Zevallos, Lilia Shoichet, Ki M. Mak, and Charles S. Lieber* .................. 883

Proceedings of Symposia at the 2001 RSA Meeting
Treating Adolescents Together or Individually? Issues in Adolescent Substance Abuse Interventions
   *Tracy A. O’Leary, Sandra A. Brown, Suzanne M. Colby, Jessica M. Cronce, Elizabeth J. D’Amico,
   Jonathan S. Fader, Irene M. Geisner, Mary E. Larimer, Jennifer L. Maggs, Barbara McCrady, Rebekka S. Palmer,
   John Schulemberg, and Peter M. Monti* ........................................................................... 890
Alcohol Advertising and Youth
   *Susan E. Martin, Leslie B. Snyder, Mark Hamilton, Fran Fleming-Milici, Michael D. Slater, Alan Stacy,
   Meng-Jinn Chen, and Joel W. Grube* .................................................................................. 900
Effects of Alcohol and Oxidative Stress on Liver Pathology: The Role of the Mitochondrion
   *Alan Cahill, Carol C. Cunningham, Masayuki Adachi, Hiromasa Ishii, Shannon M. Bailey, Bernard Fromenty,
   and Adrian Davies* ........................................................................................................ 907
One Drink to a Lifetime of Drinking: Temporal Structures of Drinking Patterns
   *Paul J. Gruenewald, Marcia Russell, John Light, Rob Lipton, John Searles, Fred Johnson, Maurizio Trevisan,
   Jo Freudenheim, Paola Muti, Ann Marie Carosella, and Thomas H. Nochajski* ......................... 916
Advancing the Expectancy Concept via the Interplay Between Theory and Research
   *Frances K. Del Boca, Jack Darke, Mark S. Goldman, and Gregory T. Smith* ......................... 926

Proceedings of a Plenary Lecture at the 2001 RSA Meeting
Promoting Self-Change With Alcohol Abusers: A Community-Level Mail Intervention Based on Natural Recovery Studies
   *Linda Carter Sobell, Mark B. Sobell, Gloria I. Leo, Sanjeeta Agrawal, Lisa Johnson-Young, and
   John A. Cunningham* ........................................................................................................ 936