**Critical review**

The Role of the Asn40Asp Polymorphism of the Mu Opioid Receptor Gene (OPRM1) on Alcoholism Etiology and Treatment: A Critical Review

Ray, Lara A. - Barr, Christina S. - Blendy, Julie A. - Oslin, David - Goldman, David - Anton, Raymond F.  
Pages: 385

**Commentary**

Comment on the Paper by Suffoletto et al. Entitled: Text-Message-Based Assessments and Brief Intervention for Young Adults Discharged from the Emergency Department

Baird, Janette - Ranney, Megan L. - Mello, Michael J.  
Pages: 395

**Biochemistry, pharmacology, physiology and metabolism**

An Optimized Method for the Measurement of Acetaldehyde by High-Performance Liquid Chromatography

Guan, Xiangying - Rubin, Emanuel - Anni, Helen  
Pages: 398

A Double-Blind, Placebo-Controlled Trial to Assess the Efficacy of Quetiapine Fumarate XR in Very Heavy-Drinking Alcohol-Dependent Patients

Pages: 406

Assessment of Prenatal Exposure to Ethanol by Meconium Analysis: Results of an Italian Multicenter Study

Pichini, Simona - Marchei, Emilia - Vagnarelli, Federica - Tarani, Luigi - Raimondi, Francesco - Maffucci, Rosalba - Sacher, Bruno - Bisceglia, Massimo - Rapisardi, Gherardo - Elicio, Maria Rosaria - Bihan, Paolo - Zuccaro, Piergiorgio - Pacifici, Roberta - Pierantozzi, Andrea - Morini, Luca  
Pages: 417

**Cell and molecular biology**

Genetic Polymorphisms of Genes Coding to Alcohol-Metabolizing Enzymes in Western Mexicans: Association of CYP2E1*c2/CYP2E1*5B Allele with Cirrhosis and Liver Function

Pages: 425

Alcohol Increases the Permeability of Airway Epithelial Tight Junctions in Beas-2B and NHBE Cells

Simet, Samantha. M. - Wyatt, Todd A. - DeVasure, Jane - Yanov, Daniel - Allen-Gipson, Diane - Sisson, Joseph H.  
Pages: 432

**Neuroscience**

Ethanol Alters Opioid Regulation of Ca2+ Influx Through L-Type Ca2+ Channels in PC12 Cells

Gruol, Donna L. - Nelson, Thomas E. - Hao, Christine - Michael, Sarah - Vukojevic, Vladana - Ming, Yu - Terenius, Lars  
Pages: 443

A Limited Access Mouse Model of Prenatal Alcohol Exposure that Produces Long-Lasting Deficits in Hippocampal-Dependent Learning and Memory

Brady, Megan L. - Allan, Andrea M. - Caldwell, Kevin K.  
Pages: 457

Effects of Withdrawal from Chronic Intermittent Ethanol Vapor on the Level and Circadian Periodicity of Running-Wheel Activity in C57BL/6J and C3H/HeJ Mice

Logan, Ryan W. - McCulley, Walter D. - Seggino, Joseph A. - Rosenwasser, Alan M.  
Pages: 467

**Epidemiology, diagnosis and comorbidity**

Drinking Course Through Midlife Based on Diagnostic Versus Quantity-Frequency Indices

Jacob, Theodore - Blonigen, Daniel M. - Hubel, Kerry - Wood, Phillip K. - Haber, Jon R.  
Pages: 477

Impact of Depressive Symptoms on Future Alcohol Use in Patients with Co-Occurring Bipolar Disorder and Alcohol Dependence: A Prospective Analysis in an 8-Week Randomized Controlled Trial of Acamprosate

Prisciandaro, James J. - DeSantis, Stacia M. - Chiuzan, Cody - Brown, Delisa G. - Brady, Kathleen T. - Tolliver, Bryan K.  
Pages: 490

cont...
Behaviour, treatment and prevention

Acamprosate for Alcohol Dependence: A Sex-Specific Meta-Analysis Based on Individual Patient Data
Mason, Barbara J - Lehert, Philippe
Pages: 497

Comparison of Alcoholism Subtypes as Moderators of the Response to Sertraline Treatment
Kranzler, Henry R. - Feinn, Richard - Armeli, Stephen - Tennen, Howard
Pages: 509

Reward and Relapse: Complete Gene-Induced Dissociation in an Animal Model of Alcohol Dependence
Quintanilla, María E. - Tampier, Lutske - Karahanian, Eduardo - Rivera-Meza, Mario - Herrera-Marschitz, Mario - Israel, Yedy
Pages: 517

Randomized Controlled Trial of Mailed Personalized Feedback for Problem Drinkers in the Emergency Department: The Short-Term Impact
Havard, Alys - Shakeshaft, Anthony P. - Conigrave, Katherine M. - Doran, Christopher M.
Pages: 523

Alcohol Use and Crime: Findings from a Longitudinal Sample of U.S. Adolescents and Young Adults
Popovici, Ioana - Homer, Jenny F. - Fang, Hai - French, Michael T.
Pages: 532

Severity of Acute Illness is Associated with Baseline Readiness to Change in Medical Intensive Care Unit Patients with Unhealthy Alcohol Use
Clark, Brendan J. - Smart, Alexandra - House, Robert - Douglas, Ivor - Burnham, Ellen L. - Moss, Marc
Pages: 544

Text-Message-Based Drinking Assessments and Brief Interventions for Young Adults Discharged from the Emergency Department
Suffoletto, Brian - Callaway, Clifton - Kristan, Jeff - Kraemer, Kevin - Clark, Duncan B.
Pages: 552