

Biological Psychiatry

A Journal of Psychiatric Neuroscience and Therapeutics

Volume 64, Number 3, August 1, 2008

STRIATAL DYSFUNCTION IN ADDICTION AND TOURETTE'S DISORDER

IN THIS ISSUE-AUGUST 1ST

171 A brief summary of the articles appearing in this issue of *Biological Psychiatry*.

COMMENTARY

173 **Parallel and Integrative Processing Through the Basal Ganglia Reward Circuit: Lessons from Addiction**

Suzanne Haber

ARCHIVAL REPORTS

175 **Orexin Mediates the Expression of Precipitated Morphine Withdrawal and Concurrent Activation of the Nucleus Accumbens Shell**

Ruth Sharf, Maysa Sarhan, and Ralph J. DiLeone

184 **Dysregulation of the Mesolimbic Dopamine System and Reward in *MCH-/-* Mice**

Pavlos Pissios, Lauren Frank, Adam R. Kennedy, Douglas R. Porter, Francis E. Marino, Fen-Fen Liu, Emmanuel N. Pothos, and Eleftheria Maratos-Flier

192 **Decreased Volume of the Brain Reward System in Alcoholism**

Nikos Makris, Marlene Oscar-Berman, Sharon Kim Jaffin, Steven M. Hodge, David N. Kennedy, Verne S. Caviness, Ksenija Marinkovic, Hans C. Breiter, Gregory P. Gasic, and Gordon J. Harris

203 **Context-Induced Relapse of Conditioned Behavioral Responding to Ethanol Cues in Rats**

Nadia Chaudhri, Lacey L. Sahuque, and Patricia H. Janak

211 **Dysregulation of Nociceptin/Orphanin FQ Activity in the Amygdala Is Linked to Excessive Alcohol Drinking in the Rat**

Daina Economidou, Anita C. Hansson, Friedbert Weiss, Anton Terasmaa, Wolfgang H. Sommer, Andrea Cippitelli, Amalia Fedeli, R mi Martin-Fardon, Maurizio Massi, Roberto Ciccocioppo, and Markus Heilig

219 **Latent Class Analysis of Gilles de la Tourette Syndrome Using Comorbidities: Clinical and Genetic Implications**

Marco A. Grados, Carol A. Mathews, and the Tourette Syndrome Association International Consortium for Genetics

226 **Epistasis between Dopamine Regulating Genes Identifies a Nonlinear Response of the Human Hippocampus During Memory Tasks**

Alessandro Bertolino, Annabella Di Giorgio, Giuseppe Blasi, Fabio Sambataro, Grazia Caforio, Lorenzo Sinibaldi, Valeria Latorre, Antonio Rampino, Paolo Taurisano, Leonardo Fazio, Raffaella Romano, Sofia Douzgou, Teresa Popolizio, Bhaskar Kolachana, Marcello Nardini, Daniel R. Weinberger, and Bruno Dallapiccola

235 **The Dopamine D₃ Receptor Ser9Gly Polymorphism Modulates Prepulse Inhibition of the Acoustic Startle Reflex**

Panos Roussos, Stella G. Giakoumaki, and Panos Bitsios

(continued on next page)

RESEARCH REPORT

241 Limbic and Frontal Cortical Degeneration Is Associated with Psychiatric Symptoms in *PINK1* Mutation Carriers

Kathrin Reetz, Rebekka Lencer, Susanne Steinlechner, Christian Gaser, Johann Hagenah, Christian Büchel, Dirk Petersen, Norman Kock, Ana Djarmati, Hartwig R. Siebner, Christine Klein, and Ferdinand Binkofski

BRIEF REPORTS

248 Corticospinal System Excitability at Rest Is Associated with Tic Severity in Tourette Syndrome

Michael Orth, Alexander Münchau, and John C. Rothwell

252 Plasma Obestatin Concentrations Are Negatively Correlated with Body Mass Index, Insulin Resistance Index, and Plasma Leptin Concentrations in Obesity and Anorexia Nervosa

Toshihiro Nakahara, Toshiro Harada, Daisuke Yasuhara, Nobuhiro Shimada, Haruka Amitani, Takeo Sakoguchi, Mayra Mayumi Kamiji, Akihiro Asakawa, and Akio Inui

256 Oxytocin Enhances the Encoding of Positive Social Memories in Humans

Adam J. Guastella, Philip B. Mitchell, and Frosso Mathews

ERRATUM

259 Erratum

ON THE INTERNET

260 Full text of the following articles, which are currently “in press” in *Biological Psychiatry*, are available on our website now...