REGULAR RESEARCH ARTICLES

In abstinent MDMA users the cortisol awakening response is off-set but associated with prefrontal serotonin transporter binding as in non-users
Vibe Gedsoe Frokjaer, David Erritzoe, Klaus Kähler Holst, Kathrine Skak Madsen, Patrick MacDonald Fisher, Jacob Madsen, Claus Svarer and Gitte Moos Knudsen

Changes in brain functional connectivity after chronic haloperidol in rats: a network analysis
Anne L. Wheeler, Meaghan C. Creed, Aristotle N. Voinoskos and José N. Nobrega

Metabolomic profiling of schizophrenia patients at risk for metabolic syndrome
R. Madelaine Paredes, Marlon Quinones, Ketan Marballi, Xiaoli Gao, Celina Valdez, Seema S. Ahuja, Dawn Velligan and Consuelo Walss-Bass

Amygdala-frontal couplings characterizing SSRI and placebo response in social anxiety disorder
Vanda Faria, Fredrik Ahs, Lieuwe Appel, Clas Linman, Massimo Bani, Paolo Bettica, Emilio Merlo Pich, Mats Fredrikson and Tomas Furmark

Serotonergic, noradrenergic and dopaminergic markers are related to cognitive function in adults with 22q11 deletion syndrome
Laurens J. M. Evers, Leopold M. G. Curfs, Jaap A. Bakker, Erik Boot, Fabiana da Silva Alves, Nico Abeling, Jörgen Bierau, Marjan Drukker and Therese A. M. J. van Amelsvoort

Serotonin transporter gene hypomethylation predicts impaired antidepressant treatment response
Katharina Domschke, Nicola Tidow, Kathrin Schwarte, Jürgen Deckert, Klaus-Peter Lesch, Volker Arolt, Peter Zwanzger and Bernhard T. Baune

The effects of methylphenidate on resting-state striatal, thalamic and global functional connectivity in healthy adults
Olivia M. Farr, Sheng Zhang, Sien Hu, David Matuskey, Osma Astridghany, Robert T. Malison and Chiang-shan R. Li

Cannabinoid modulation of predator fear: involvement of the dorsolateral periaqueductal gray

Effects of histone deacetylase inhibitors on amygdaloid histone acetylation and neuropeptide Y expression: a role in anxiety-like and alcohol-drinking behaviours
Anil J. Sakharkar, Huabin Zhang, Lei Tang, Kathryn Bazstrom, Guangbin Shi, Sachin Moonat and Subhash C. Pandey

Corticosterone treatment during adolescence induces down-regulation of reelin and NMDA receptor subunit GLUN2C expression only in male mice: implications for schizophrenia
Laetitia Buret and Maarten van den Buuse

3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) disrupts blood-brain barrier integrity through a mechanism involving P2X7 receptors
Ana Rubio-Araiz, Mercedes Perez-Hernandez, Andrés Urrutia, Francesca Porcu, Erika Borcel, Maria Dolores Gutierrez-Lopez, Esther O’Shea and Maria Isabel Colado

Therapeutic doses of buspirone block D3 receptors in the living primate brain
Sung Won Kim, Joanna S. Foteler, Phil Skolnick, Lisa Muench, Yvonne Kang, Colleen Shea, Jean Logan, Doohyun Kim, Pauline Carter, Payton King, David Alexoff and Nora D. Volkow

The natural hallucinogen 5-MeO-DMT, component of Ayahuasca, disrupts cortical function in rats: reversal by antipsychotic drugs
Maurizio S. Riga, Guadalupe Soria, Raul Tudela, Francesc Artigas and Pau Celada

Overexpression of Shati/Nat8l, an N-acetyltransferase, in the nucleus accumbens attenuates the response to methamphetamine via activation of group II mGlurRs in mice
Yoshiaki Miyamoto, Yuji Sekigawa, Noriyuki Iegaki, Kazuyoshi Kaji, Keisuke Fujita, Koichiro Fu, Kei Sato, Yoko Furuikawa-Hibi, Shin-ichi Murakatsu, Toshikata Nakajima, Kyosuke Uno and Atsushi Nitta
SK channel blockade reverses cognitive and motor deficits induced by nigrostriatal dopamine lesions in rats
Lin Chen, Thierry Deltheil, Nathalie Turle-Lorenzo, Martine Liberge, Corinne Rosier, Isabelle Watabe, Leam Srng, Marianne Amalric and Christiane Mourre

BRIEF REPORTS
Acute but not sustained aromatase inhibition displays antidepressant properties
Nikolaos Kokras, Nikolaos Pastromas, Tatiany H. Porto, Vasilios Kafetzopoulos, Theodore Matridis and Christina Dalla

Methamphetamine self-administration attenuates hippocampal serotonergic deficits: role of brain-derived neurotrophic factor
Lisa M. McFadden, Paula L. Vieira-Brock, Glen R. Hanson and Annette E. Fleckenstein

Raphe AMPA receptors and nicotinic acetylcholine receptors mediate ketamine-induced serotonin release in the rat prefrontal cortex
Naoya Nishitani, Kazuki Nagayasu, Nozomi Asaoka, Mayumi Yamashiro, Hisashi Shirakawa, Takayuki Nakagawa and Shuji Kaneko

REVIEWS
Technological advances for deciphering the complexity of psychiatric disorders: merging proteomics with cell biology
Hendrik Wesseling, Paul C. Guest, Santiago G. Lago and Sabine Bahn

Declining efficacy in controlled trials of antidepressants: effects of placebo dropout
Stein Schalkwijk, Juan Undurraga, Leonardo Tondo and Ross J. Baldessarini

CORRIGENDA
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Vanda Faria, Fredrik Åhs, Lieuwe Appel, Clas Linnuman, Massimo Bani, Paolo Bettica, Emilio Merlo Pich, Mats Fredrikson and Tomas Furmark

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