

THE AMERICAN JOURNAL OF
PSYCHIATRY

Contents

January 2010, Volume 167

Editorials

- 1 **Born to be criminal? What to make of early biological risk factors for criminal behavior**
Philipp Sterzer
- 4 **Coming of age? Neuroimaging biomarkers in youth**
Mary L. Phillips
- 8 **Understanding what causes schizophrenia: a developmental perspective**
John H. Gilmore
- 11 **Toward an improved model of treating co-occurring PTSD and substance use disorders**
Sudie E. Back

Commentary

- 14 **The age at onset of attention deficit hyperactivity disorder**
Christian Kieling, Renata R. Kieling, Luis Augusto Rohde, Paul J. Frick, Terrie Moffitt, Joel T. Nigg, Rosemary Tannock, and Francisco Xavier Castellanos

Clinical case conference

- 17 **Remission of persistent methamphetamine-induced psychosis after electroconvulsive therapy: presentation of a case and review of the literature**
David J. Grelotti, Gen Kanayama, and Harrison G. Pope, Jr

Reviews and overviews

- 24 **The interpersonal dimension of borderline personality disorder: toward a neuropeptide model**
Barbara Stanley and Larry J. Siever

New research – articles

- 40 **Early risk factors and developmental pathways to chronic high inhibition and social anxiety disorder in adolescence**
Marilyn J. Essex, Marjorie H. Klein, Marcia J. Slattery, H. Hill Goldsmith, and Ned H. Kalin
- 47 **Overgeneralization of conditioned fear as a pathogenic marker of panic disorder**
Shmuel Lissek, Stephanie Rabin, Randi E. Heller, David Lukenbaugh, Marilla Geraci, Daniel S. Pine, and Christian Grillon
- 56 **Association of poor childhood fear conditioning and adult crime**
Yu Gao, Adrian Raine, Peter H. Venables, Michael E. Dawson, and Sarnoff A. Mednick
- 61 **Amygdala activation during emotion processing of neutral faces in children with severe mood dysregulation versus ADHD or bipolar disorder**
Melissa A. Brotman, Brendan A. Rich, Amanda E. Guyer, Jessica R. Lunsford, Sarah E. Horsey, Michelle M. Reising, Laura A. Thomas, Stephen J. Fromm, Kenneth Towbin, Daniel S. Pine, and Ellen Leibenluft
- 70 **Schizophrenia in the offspring of antenatally depressed mothers in the Northern Finland 1966 birth cohort: relationship to family history of psychosis**
Pirjo Mäki, Tiina Riekkö, Jouko Miettunen, Matti Isohanni, Peter B. Jones, Graham K. Murray, and Juha Veijola
- 78 **Specific and generalized neuropsychological deficits: a comparison of patients with various first-episode psychosis presentations**
Jolanta Zanelli, Abraham Reichenberg, Kevin Morgan, Paul Fearon, Eugenia Kravariti, Paola Dazzan, Craig Morgan, Caroline Zanelli, Arsime Demjaha, Peter B. Jones, Gillian A. Doody, Shitij Kapur, and Robin M. Murray
- 86 **Sex differences in the functional neuroanatomy of working memory in adults with ADHD**
Eve M. Valera, Ariel Brown, Joseph Biederman, Stephen V. Faraone, Nikos Makris, Michael C. Monuteaux, Susan Whitfield-Gabrieli, Michael Vitulano, Michael Schiller, and Larry J. Seidman
- 95 **Do treatment improvements in PTSD severity affect substance use outcomes? A secondary analysis from a randomized clinical trial in NIDA's clinical trials network**
Denise A. Hien, Huiping Jiang, Aimee N.C. Campbell, Mei-Chen Hu, Gloria M. Miele, Lisa R. Cohen, Gregory S. Brigham, Carrie Capstick, Agatha Kulaga, James Robinson, Lourdes Suarez-Morales, and Edward V. Nunes