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1146 Altered Sensory Phenomena Experienced in Bipolar Disorder

Gordon Parker, M.D., Ph.D., et al. CME • AUDIO

Clinical Guidance: Altered sensory experiences are common in both bipolar I and bipolar II disorder, but patients rarely disclose them spontaneously. Alterations during hypomanic and manic states usually involve heightened sensory acuity, whereas changes during depressive episodes are generally characterized by sensory dampening.

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1151 Gender Minority Stress, Depression, and Anxiety in a Transgender High School Student

Robert D. Davies, M.D., Barbara Kessel, D.O.

Clinical Guidance: Stress and psychiatric morbidity in transgender individuals are mitigated by identity affirmation by the patient's family and the community. Lack of bathroom access affirming an individual's gender identity can become a trigger for mood and anxiety symptoms.

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1153 Joan of Arc—Hearing Voices

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1155 Transgender Research in the 21st Century: A Selective Critical Review From a Neurocognitive Perspective

Sven C. Mueller, Ph.D., et al. CME • AUDIO

Clinical Guidance: Mental health in transgender individuals often improves after successful transition to the preferred gender. Mood disorders, anxiety, and suicidality risk are especially common before transition. Some transgender men with gender dysphoria also have subthreshold autistic traits.

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1163 PTSD Psychotherapy Outcome Predicted by Brain Activation During Emotional Reactivity and Regulation

Gregory A. Fozzo, Ph.D., et al. EDITORIAL • AUDIO • VIDEO

The degree to which baseline prefrontal resources are spontaneously engaged when superficially processing threat and mitigating emotional interference predicts response to exposure therapy in patients with PTSD.

1175 Selective Effects of Psychotherapy on Frontopolar Cortical Function in PTSD

Gregory A. Fozzo, Ph.D., et al. EDITORIAL • AUDIO • VIDEO

Improvements in hyperarousal and psychological well-being following exposure therapy are associated with increased frontopolar activation during regulation of negative affect in patients with PTSD. Connectivity with the ventromedial prefrontal cortex/ventral striatum is also enhanced.

1185 Association of a History of Child Abuse With Impaired Myelination in the Anterior Cingulate Cortex: Convergent Epigenetic, Transcriptional, and Morphological Evidence

Pierre-Eric Lutz, M.D., Ph.D., et al. EDITORIAL

Depressed adults who die by suicide and have a history of child abuse have decreased expression of myelin-related genes in the cingulate cortex, suggesting impairment in oligodendrocyte function. This global down-regulation is absent in depressed suicide completers with no history of child abuse.

1195 Efficacy and Safety of MIN-101: A 12-Week Randomized, Double-Blind, Placebo-Controlled Trial of a New Drug in Development for the Treatment of Negative Symptoms in Schizophrenia

Michael Davidson, M.D., et al. AUDIO

A novel compound with affinities for sigma-2 and 5-HT_{2A} receptors, but without direct dopamine affinities, improves negative symptoms in schizophrenia. At higher dosage, there are also effects on total symptoms, depression, and global improvement and severity.

1203 Effect of Early-Life Fluoxetine on Anxiety-Like Behaviors in BDNF Val66Met Mice

Iva Dincheva, Ph.D., et al. EDITORIAL

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1214 The Role of Intrinsic Brain Functional Connectivity in Vulnerability and Resilience to Bipolar Disorder

Gaelle E. Doucet, Ph.D., et al. CME • AUDIO

Patients with bipolar disorder and their unaffected siblings have less cohesiveness of the sensorimotor brain network than healthy volunteers. Patients and siblings differ in integration of the default mode network: patients have reduced integration, but siblings have enhanced integration, suggesting its role in their resilience.

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Article content that addresses **Core Competencies**, defined by the Accreditation Council of Graduate Medical Education and the American Board of Medical Specialties, is indicated by the following symbols:

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La Tabla de Contenidos de Este Número Está Disponible en Español

*(This issue's Table of Contents are available in Spanish)
(Abstracts are also available in Spanish)*

Translation presented in collaboration with the Office of Global Health, Rutgers-Robert Wood Johnson Medical School

Support for this effort provided by ACTA Colombia.

Translation courtesy of

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EDITORIAL Discussed in one of the issue's editorials

VIDEO Highlighted online by Deputy Editor Daniel S. Pine, M.D.



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AJP in Advance

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Tracking Brain Development and Dimensional Psychiatric Symptoms in Children: A Longitudinal Population-Based Neuroimaging Study

Higher scores for externalizing and internalizing symptoms at age 6 predicted smaller increases in subcortical gray matter volume and global fractional anisotropy by age 10 in a population-based cohort. Surprisingly, baseline gray and white matter measures were not related to symptom changes over time.

Increased Risk of Smoking in Female Adolescents Who Had Childhood ADHD

The association of more severe childhood ADHD symptoms with heavier smoking in adolescence is stronger for female adolescents than for males. Inattention appears to have a causal effect on smoking in girls, whereas hyperactivity-impulsivity appears primarily noncausal.



AJP CME

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This month's courses appear on pages 1233–1236. Each short course is based on one article in this issue and can earn up to 1 *AMA PRA Category 1 Credit™*. CME credit is issued only **online**, and a paid subscription to AJP's CME course program is required.

Visit psychiatryonline.org/cme and click on the "American Journal of Psychiatry" tab.



AJP Multimedia

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In AJP Audio this month, Executive Editor Michael Roy discusses brain function and psychotherapy outcomes in patients with PTSD, transgender research from a neurocognitive angle, research results of a new drug for schizophrenia, and characteristics of resilience in bipolar disorder and how individuals who are bipolar experience the world.

In this month's video, Deputy Editor Daniel S. Pine, M.D., discusses the articles "PTSD Psychotherapy Outcome Predicted by Brain Activation During Emotional Reactivity and Regulation" and "Selective Effects of Psychotherapy on Frontopolar Cortical Function in PTSD."



History of Psychiatry

Revisit the field's rich history through the pages of AJP

50 years ago this month: Special Section—"History of Psychiatry"

The December 1967 issue contains a variety of articles related to the history of psychiatry, including notable contributions by Dr. Garfield Tourney ("A History of Therapeutic Fashions in Psychiatry, 1800–1966") and Dr. George Rosen ("Emotion and Sensibility in Ages of Anxiety: A Comparative Historical Review").

