

Index to Volume 38

The *Journal of Psychiatry & Neuroscience* is indexed according to the medical subject headings established by the National Library of Medicine, US National Institutes for Health.

The title for each article is followed by a code that designates the article's category. The categories used in this volume are listed below.

Commentary (Comment)
Editorial (E)
Psychopharmacology for the Clinician (Psychopharm)
Research (Res)
Review (Rev)

–A–

Alzheimer disease

Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revett and others) (Rev) 6
Searching for an endogenous anti-Alzheimer molecule: identifying small molecules in the brain that slow Alzheimer disease progression by inhibition of β -amyloid aggregation (Meek and others) (Res) 269

Anhedonia

Mood-congruent amygdala responses to subliminally presented facial expressions in major depression: associations with anhedonia (Stuhrmann and others) (Res) 249

Animals

Glutamine deficiency in the prefrontal cortex increases depressive-like behaviours in male mice (Lee and others) (Res) 183
Glycine site *N*-methyl-D-aspartate receptor antagonist 7-CTKA produces rapid antidepressant-like effects in male rats (Zhu and others) (Res) 306
Short-term social isolation induces depressive-like behaviour and reinstates the retrieval of an aversive task: Mood congruent memory in male mice? (Takatsu-Coleman and others) (Res) 259

Antidepressive agents

Antidepressants and QTc prolongation (Lam) (Psychopharm) 144
Glycine site *N*-methyl-D-aspartate receptor antagonist 7-CTKA produces rapid antidepressant-like effects in male rats (Zhu and others) (Res) 306
Management strategies for SSRI-induced sexual dysfunction (Rizvi and Kennedy) (Psychopharm) 360
Single treatments that have lasting effects: some thoughts on the antidepressant effects of ketamine and botulinum toxin and the anxiolytic effect of psilocybin (Young) (Comment) 78

Antipsychotic agents

Cerebellar motor learning deficits in medicated and medication-free men with recent-onset schizophrenia (Coemans and others) (Res) (Published at cma.ca/jpn in October 2013)
Management of clozapine-induced fever: a case of continued therapy throughout fever (Martin and Williams) (Psychopharm) 288

Attention deficit disorder with hyperactivity

Atypical coupling between posterior regions of the default mode network in attention-deficit/hyperactivity disorder: a pharmaco-magnetoencephalography study (Franzen and others) (Res) 333

Auditory localizations

Atypical vertical sound localization and sound-onset sensitivity in people with autism spectrum disorders (Visser and others) (Res) 398

Auditory perceptual disorder

Impaired musical ability in people with schizophrenia (Hatada and others) (Res) (Published at cma.ca/jpn in October 2013)

Autism spectrum disorders

Atypical vertical sound localization and sound-onset sensitivity in

people with autism spectrum disorders (Visser and others) (Res) 398

–B–

Biological markers

A way forward for research on biomarkers for psychiatric disorders (Boksa) (E) 75
Decreased cerebrospinal fluid secretogranin II concentrations in severe forms of bipolar disorder (Jakobsson and others) (Res) E21
Personalized psychiatry: many questions, fewer answers (Alda) (E) 363

Bipolar disorder

Altered affective, executive and sensorimotor resting state networks in patients with pediatric mania (Wu and others) (Res) 232
Decreased cerebrospinal fluid secretogranin II concentrations in severe forms of bipolar disorder (Jakobsson and others) (Res) E21
Impaired fixation to eyes during facial emotion labelling in children with bipolar disorder or severe mood dysregulation (Kim and others) (Res) 407

Borderline personality disorder

Emotional modulation of motor response inhibition in women with borderline personality disorder: an fMRI study (Jacob and others) (Res) 164
Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder (Kuhlmann and others) (Res) 129

Botulinum toxin

Single treatments that have lasting effects: some thoughts on the antidepressant effects of ketamine and botulinum toxin and the anxiolytic effect of psilocybin (Young) (Comment) 78

Brain

Brain structural plasticity in survivors of a major earthquake (Lui and others) (Res) 381
Characterization of major depressive disorder using a multiparametric classification approach based on high resolution structural images (Qiu and others) (Res) (Published at cma.ca/jpn in October 2013)
Cytochrome P450-mediated drug metabolism in the brain (Miksys and Tyndale) (Rev) 152
Double-blind optimization of subcallosal cingulate deep brain stimulation for treatment-resistant depression: a pilot study (Ramasubbu and others) (Res) 325
Effect of childhood maltreatment on brain structure in adult patients with major depressive disorder and healthy participants (Chaney and others) (Res) (Published at cma.ca/jpn in July 2013)
Impaired interhemispheric connectivity in medication-naive patients with major depressive disorder (Xu and others) (Res) 43

–C–

Catatonia

Diagnosis and management of periodic catatonia (Hervey and others) (Psychopharm) 216

Child psychiatry

Impaired fixation to eyes during facial emotion labelling in children with bipolar disorder or severe mood dysregulation (Kim and others) (Res) 407

Clozapine

Management of clozapine-induced fever: a case of continued therapy throughout fever (Martin and Williams) (Psychopharm) 288

Confounding factors, epidemiology

Overview of potential procedural and participant-related

confounds for neuroimaging of the resting state (Duncan and Northoff) (Rev) 84

Cytochrome P-450

Cytochrome P450-mediated drug metabolism in the brain (Miksys and Tyndale) (Rev) 152

–D–

Data collection

What does it mean to have enough evidence? (MacQueen) (E) 3

Depression

Mixed depression in the postpartum period: diagnostic and treatment issues (Sharma) (Psychopharm) 432

Neurotrophic paths in the treatment of depression (Hayley and Anisman) (E) 291

Depressive disorder

Double-blind optimization of subcallosal cingulate deep brain stimulation for treatment-resistant depression: a pilot study (Ramasubbu and others) (Res) 325

Impaired frontothalamic circuitry in suicidal patients with depression revealed by diffusion tensor imaging at 3.0 T (Jia and others) (Res) (Published at cma.ca/jpn in October 2013)

Depressive disorder, major

Characterization of major depressive disorder using a multiparametric classification approach based on high resolution structural images (Qiu and others) (Res) (Published at cma.ca/jpn in October 2013)

Effect of childhood maltreatment on brain structure in adult patients with major depressive disorder and healthy participants (Chaney and others) (Res) (Published at cma.ca/jpn in July 2013)

Functional connectivity between the amygdala and prefrontal cortex in medication-naïve individuals with major depressive disorder (Kong and others) (Res) 417

Gene expression deficits in pontine locus coeruleus astrocytes in men with major depressive disorder (Chandley and others) (Res) 276

Hippocampal abnormalities of glutamate/glutamine, *N*-acetylaspartate and choline in patients with depression are related to past illness burden (de Diego-Adelino and others) (Res) 107

Impaired interhemispheric connectivity in medication-naïve patients with major depressive disorder (Xu and others) (Res) 43

Is depression a disconnection syndrome? Meta-analysis of diffusion tensor imaging studies in patients with MDD (Liao and others) (Res) 49

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) 117

Diagnosis

Are addictions diseases or choices? (Leyton) (E) 219

Diagnosis, psychiatric

A way forward for research on biomarkers for psychiatric disorders (Boksa) (E) 75

Diagnosis and management of periodic catatonia (Hervey and others) (Psychopharm) 216

On the simple and the complex in psychiatry, with reference to DSM 5 and Research Domain Criteria (Jooper) (E) 148

Diffusion tensor imaging

Is depression a disconnection syndrome? Meta-analysis of diffusion tensor imaging studies in patients with MDD (Liao and others) (Res) 49

Disease progression

Searching for an endogenous anti-Alzheimer molecule: identifying small molecules in the brain that slow Alzheimer disease progression by inhibition of β -amyloid aggregation (Meek and others) (Res) 269

Dopamine

Dopamine D₂ and D₃ binding in people at clinical high risk for schizophrenia, antipsychotic-naïve patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) 98

–E–

Emotions

Emotional modulation of motor response inhibition in women with borderline personality disorder: an fMRI study (Jacob and others) (Res) 164

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) 174

Inhibition of fear is differentially associated with cycling estrogen levels in women (Glover and others) (Res) 341

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) 117

Endophenotypes

On the simple and the complex in psychiatry, with reference to DSM 5 and Research Domain Criteria (Jooper) (E) 148

Evidence-based medicine

What does it mean to have enough evidence? (MacQueen) (E) 3

Evoked potentials, auditory

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) 24

–F–

Facial expressions

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) 174

Impaired fixation to eyes during facial emotion labelling in children with bipolar disorder or severe mood dysregulation (Kim and others) (Res) 407

Mood-congruent amygdala responses to subliminally presented facial expressions in major depression: associations with anhedonia (Stuhrmann and others) (Res) 249

Fear

Inhibition of fear is differentially associated with cycling estrogen levels in women (Glover and others) (Res) 341

Frontotemporal dementia

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) 174

–G–

Genetic association studies

Association of a risk allele of *ANK3* with cognitive performance and cortical thickness in patients with first-episode psychosis (Cassidy and others) (Res) (Published at cma.ca/jpn in September 2013)

COMT, neuropsychological function and brain structure in schizophrenia: a systematic review and neurobiological interpretation (Ira and others) (Rev) 366

Genetic predisposition to disease

Protocadherin α (*PCDHA*) as a novel susceptibility gene for autism (Anitha and others) (Res) 192

Genetic variation

Gene expression deficits in pontine locus coeruleus astrocytes in men with major depressive disorder (Chandley and others) (Res) 276

Genome-wide association study

Protocadherin α (*PCDHA*) as a novel susceptibility gene for autism (Anitha and others) (Res) 192

Genotype, anorexia nervosa

Catechol-O-methyltransferase genotype modifies executive functioning and prefrontal functional connectivity in women with anorexia nervosa (Favaro and others) (Res) 241

Glutamate

Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revetz and others) (Rev) 6

Glutamine

Glutamine deficiency in the prefrontal cortex increases depressive-like behaviours in male mice (Lee and others) (Res) 183

-H-**Hippocampus**

Hippocampal abnormalities of glutamate/glutamine, *N*-acetylaspartate and choline in patients with depression are related to past illness burden (de Diego-Adeliño and others) (Res) 107

Huntington disease

Abnormal synchrony of resting state networks in premanifest and symptomatic Huntington disease: the IMAGE-HD study (Poudel and others) (Res) (Published at cma.ca/jpn in October 2013)

Hypoxia

Elevated incidence of suicide in people living at altitude, smokers and patients with chronic obstructive pulmonary disease and asthma possible role of hypoxia causing decreased serotonin synthesis (Young) (Comment) 423

-I-**Individualized medicine**

Personalized psychiatry: many questions, fewer answers (Alda) (E) 363

-L-**Learning, reversal**

Reversal deficits in individuals with psychopathy in explicit but not implicit learning conditions (Brazil and others) (Res) E13

-M-**Melatonin receptors**

Unveiling the role of melatonin MT2 receptors in sleep, anxiety and other neuropsychiatric diseases: a novel target in psychopharmacology (Comai and Gobbi) (Res) (Published at cma.ca/jpn in August 2013)

Memory

Propranolol's effects on the consolidation and reconsolidation of long-term emotional memory in healthy participants: a meta-analysis (Loneragan and others) (Rev) 222

Short-term social isolation induces depressive-like behaviour and reinstates the retrieval of an aversive task: Mood-congruent memory in male mice? (Takatsu-Coleman and others) (Res) 259

Mutism, selective

SSRIs in a case of selective mutism (Manassis and Avery) (Psychopharm) 72

-N-**Nerve net**

Abnormal interhemispheric connectivity in male psychopathic offenders (Hoppenbrouwers and others) (Res) (Published at cma.ca/jpn in August 2013)

Abnormal synchrony of resting state networks in premanifest and symptomatic Huntington disease: the IMAGE-HD study (Poudel and others) (Res) (Published at cma.ca/jpn in October 2013)

Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study (Otti and others) (Res) 57

Neural pathways

Altered affective, executive and sensorimotor resting state networks in patients with pediatric mania (Wu and others) (Res) 232

Atypical coupling between posterior regions of the default mode network in attention-deficit/hyperactivity disorder: a pharmacomagnetoencephalography study (Franzen and others) (Res) 333

Eye movements during natural actions in patients with schizophrenia (Delerue and others) (Res) 317

Functional connectivity between the amygdala and prefrontal cortex in medication-naive individuals with major depressive disorder (Kong and others) (Res) 417

Neural correlates of recognition memory of social information in people with schizophrenia (Harvey and Lepage) (Res) (Published at cma.ca/jpn in October 2013)

Neurotrophic paths in the treatment of depression (Hayley and Anisman) (E) 291

Neuroimaging

Overview of potential procedural and participant-related confounds for neuroimaging of the resting state (Duncan and Northoff) (Rev) 84

-P-**Personality disorder, psychopathy**

Abnormal interhemispheric connectivity in male psychopathic offenders (Hoppenbrouwers and others) (Res) (Published at cma.ca/jpn in August 2013)

Reversal deficits in individuals with psychopathy in explicit but not implicit learning conditions (Brazil and others) (Res) E13

Phototherapy

Dopamine and light: dissecting effects on mood and motivational states in women with subsyndromal seasonal affective disorder (Cawley and others) (Res) 388

Polymorphism, genetic

Catechol-O-methyltransferase genotype modifies executive functioning and prefrontal functional connectivity in women with anorexia nervosa (Favaro and others) (Res) 241

Propranolol

Propranolol's effects on the consolidation and reconsolidation of long-term emotional memory in healthy participants: a meta-analysis (Loneragan and others) (Rev) 222

Psychopharmacology

Antidepressants and QTc prolongation (Lam) (Psychopharm) 144
Diagnosis and management of periodic catatonia (Hervey and others) (Psychopharm) 216

Management of clozapine-induced fever: a case of continued therapy throughout fever (Martin and Williams) (Psychopharm) 288

Management strategies for SSRI-induced sexual dysfunction (Rizvi and Kennedy) (Psychopharm) 360

Mixed depression in the postpartum period: diagnostic and treatment issues (Sharma) (Psychopharm) 432

SSRIs in a case of selective mutism (Manassis and Avery) (Psychopharm) 72

Unveiling the role of melatonin MT2 receptors in sleep, anxiety and other neuropsychiatric diseases: a novel target in psychopharmacology (Comai and Gobbi) (Res) (Published at cma.ca/jpn in August 2013)

Psychotic disorders

Abnormal interhemispheric connectivity in male psychopathic offenders (Hoppenbrouwers and others) (Res) (Published at cma.ca/jpn in August 2013)

Association of a risk allele of *ANK3* with cognitive performance and cortical thickness in patients with first-episode psychosis (Cassidy and others) (Res) (Published at cma.ca/jpn in September 2013)

-S-

Schizophrenia

Cerebellar motor learning deficits in medicated and medication-free men with recent-onset schizophrenia (Coemans and others) (Res) (Published at cma.ca/jpn in October 2013)

COMT, neuropsychological function and brain structure in schizophrenia: a systematic review and neurobiological interpretation (Ira and others) (Rev) 366

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) 24

Dopamine D₂ and D₃ binding in people at clinical high risk for schizophrenia, antipsychotic-naïve patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) 98

Eye movements during natural actions in patients with schizophrenia (Delerue and others) (Res) 317

Impaired musical ability in people with schizophrenia (Hatada and others) (Res) (Published at cma.ca/jpn in October 2013)

Neural correlates of recognition memory of social information in people with schizophrenia (Harvey and Lepage) (Res) (Published at cma.ca/jpn in October 2013)

Structural brain correlates of sensorimotor gating in antipsychotic-naïve men with first-episode schizophrenia (Hammer and others) (Res) 34

Seasonal affective disorder

Dopamine and light: dissecting effects on mood and motivational states in women with subsyndromal seasonal affective disorder (Cawley and others) (Res) 388

Sensory gating

Structural brain correlates of sensorimotor gating in antipsychotic-naïve men with first-episode schizophrenia (Hammer and others) (Res) 34

Serotonin agents

Acute tryptophan depletion in humans: a review of theoretical, practical and ethical aspects (Young) (Rev) 294

Somatoform disorders

Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study (Otti and others) (Res) 57

Stress

Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder (Kuhlmann and others) (Res) 129

Stressful events

Brain structural plasticity in survivors of a major earthquake (Lui and others) (Res) 381

Substance-related disorders

Are addictions diseases or choices? (Leyton) (E) 219

Suicide

Elevated incidence of suicide in people living at altitude, smokers and patients with chronic obstructive pulmonary disease and asthma: possible role of hypoxia causing decreased serotonin synthesis (Young) (Comment) 423

Impaired frontothalamic circuitry in suicidal patients with depression revealed by diffusion tensor imaging at 3.0 T (Jia and others) (Res) (Published at cma.ca/jpn in October 2013)

-T-

Tic, motor

Impaired inhibition of prepotent motor actions in patients with Tourette syndrome (Wylie and others) (Res) 349

Tourette syndrome

Impaired inhibition of prepotent motor actions in patients with Tourette syndrome (Wylie and others) (Res) 349

Tryptophan

Acute tryptophan depletion in humans: a review of theoretical, practical and ethical aspects (Young) (Rev) 294