Index to Volume 37

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

Adolescent

Comparison of brain volume abnormalities between ADHD and conduct disorder in adolescence (Stevens and Haney-Caron) (Res) 389

Adult survivors of child abuse

Effects of early-life adversity on white matter diffusivity changes in patients at risk for major depression (Frodl and others) (Res) 37

Aggression

Managing pathologic aggression in people with psychotic disorders (Bourget and Labelle) (Psychopharm) 144

Alzheimer disease

Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revett and others) (Rev) (Published at cma.ca/jpn in August 2012)

Amygdala

Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder (Sripada and others) (Res) 241

Amyloid beta-peptides

Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revett and others) (Rev) (Published at cma.ca/jpn in August 2012)

Anorexia nervosa

Catechol-O-methyltransferase genotype modifies executive functioning and prefrontal functional connectivity in women with anorexia nervosa (Favaro and others) (Res) (Published at cma.ca/jpn in October 2012)

Food motivation circuitry hypoactivation related to hedonic and nonhedonic aspects of hunger and satiety in women with active anorexia nervosa and weight-restored women with anorexia nervosa (Holsen and others) (Res) 322

Antidepressive agents

Abnormal hippocampal activation in patients with extensive history of major depression: an fMRI study (Milne and others) (Res) 28

Antidepressant medication to treat anxiety in patients with bipolar disorder (Hassel and MacQueen) (Psychopharm) 360

role for Akt and glycogen synthase kinase-3 as integrators of dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

Antipsychotic agents

Adverse events associated with switching antipsychotics (Su and others) (Psychopharm) 72

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) (Published at cma.ca/jpn in August 2012)

Differential effects of 3 classes of antidiabetic drugs on

olanzapine-induced glucose dysregulation and insulin resistance in female rats (Boyda and others) (Res) 407

Dopamine D2 and D3 binding in people at clinical high risk for schizophrenia, antipsychotic-naive patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) (Published at cma.ca/jpn in September 2012)

Drugs for kids: Good or bad? (Albert) (E) 293

Managing pathologic aggression in people with psychotic disorders (Bourget and Labelle) (Psychopharm) 144

Anxiety disorders

Antidepressant medication to treat anxiety in patients with bipolar disorder (Hassel and MacQueen) (Psychopharm) 360

Aspartic acid

Ĥippocampal abnormalities of glutamate/glutamine,

N-acetylaspartate and choline in patients with depression are
related to past illness burden (de Diego-Adeliño and others)
(Res) (Published at cma.ca/jpn in September 2012)

Large positive effect of lithium on prefrontal cortex N-acetylaspartate in patients with bipolar disorder: 2-centre study (Hajek and others) (Res) 185

Astrocytes

Glutamine deficiency in the prefrontal cortex increases depressive-live behaviours in male mice (Lee and others) (Res) (Published at cma.ca/jpn in October 2012)

Attention

Decreased cognitive control in response to negative information in patients with remitted depression: an event-related potential study (Vanderhasselt and others) (Res) 250

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) (Published at cma.ca/jpn in September 2012)

Attention deficit disorder with hyperactivity

Comparison of brain volume abnormalities between ADHD and conduct disorder in adolescence (Stevens and Haney-Caron) (Res) 389

Differential association between the norepinephrine transporter gene and ADHD: role of sex and subtype (Sengupta and others) (Res) 129

Drugs for kids: Good or bad? (Albert) (E) 293

Management of comorbid Tourette syndrome and attentiondeficit/hyperactivity disorder: Are psychostimulants an option? (Pringsheim) (Psychopharm) 432

Parent-of-origin effects of *FAS* and *PDL1M1* in attention-deficit/hyperactivity disorder (Wang and others) (Res) 46

Auditory pathways

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) (Published at cma.ca/jpn in August 2012)

Autistic disorder

Protocadherin α (*PCDHA*) as a novel susceptibility gene for autism (Anitha and others) (Res) (Published at cma.ca/jpn in October 2012)

Awarenes

Schizophrenia with preserved insight is associated with increased perfusion of the precuneus (Faget-Agius and others) (Res) 297

-B-

Bipolar disorder

Antidepressant medication to treat anxiety in patients with bipolar disorder (Hassel and MacQueen) (Psychopharm) 360 Drugs for kids: Good or bad? (Albert) (E) 293

Ionotropic glutamate receptor mRNA editing in the prefrontal cortex: no alterations in schizophrenia or bipolar disorder

(Lyddon and others) (Res) 267

Large positive effect of lithium on prefrontal cortex N-acetylaspartate in patients with bipolar disorder: 2-centre study (Hajek and others) (Res) 185

Mapping vulnerability to bipolar disorder: a systematic review and meta-analysis of neuroimaging studies (Fusar-Poli and others) (Res) 170

Neurophysiological biomarkers support bipolar-spectrum disorders within psychosis cluster (Kaur and others) (Res) 313

Prophylaxis and treatment of bipolar disorder in older adults (Allan and Ebmeier) (Psychopharm) 288

Smaller hippocampal volumes in patients with bipolar disorder are masked by exposure to lithium: a meta-analysis (Hajek and others) (Res) 333

Systematic review of the neural basis of social cognition in patients with mood disorders (Cusi and others) (Rev) 154 Will lithium damage my kidneys? (Raedler) (Psychopharm) 216

Borderline personality disorder

Emotional modulation of motor response inhibition in women with borderline personality disorder: an fMRI study (Jacob and others) (Res) (Published at cma.ca/jpn in October 2012)

Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder (Kuhlmann and others) (Res) (Published at cma.ca/jpn in August 2012)

Brain

Aberrant cortical gyrification in schizophrenia: a surface-based morphometry study (Palaniyappan and Liddle) (Res) 399

Comparison of brain volume abnormalities between ADHD and conduct disorder in adolescence (Stevens and Haney-Caron) (Res) 389

Is depression a disconnection syndrome? Meta-analysis of diffusion tensor imaging studies in patients with MDD (Liao and others) (Res) (Published at cma.ca/jpn in June 2012)

Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder (Kuhlmann and others) (Res) (Published at cma.ca/jpn in August 2012)

Psychiatry's age of enlightenment: optogenetics and the discovery of novel targets for the treatment of psychiatric disorders (Sidor) (E) 4

Structural brain correlates of sensorimotor gating in antipsychotic-naive men with first-episode schizophrenia (Hammer and others) (Res) (Published at cma.ca/jpn in June 2012)

Brain mapping

Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder (Sripada and others) (Res) 241

Brain functional connectivity during induced sadness in patients with obsessive–compulsive disorder (Fontenelle and others) (Res) 231

Emotional modulation of motor response inhibition in women with borderline personality disorder: an fMRI study (Jacob and others) (Res) (Published at cma.ca/jpn in October 2012)

Impaired interhemispheric connectivity in medication-naive patients with major depressive disorder (Xu and others) (Res) (Published at cma.ca/jpn in April 2012)

Magnetic resonance imaging correlates of first-episode psychosis in young adult male patients: combined analysis of grey and white matter (Ruef and others) (Res) 305

Mapping vulnerability to bipolar disorder: a systematic review and meta-analysis of neuroimaging studies (Fusar-Poli and others) (Res) 170

Overview of potential procedural and participant-related confounds for neuroimaging of the resting state (Duncan and Northoff) (Rev) (Published at cma.ca/jpn in September 2012)

-C-

Cadherins

Protocadherin α (*PCDHA*) as a novel susceptibility gene for

autism (Anitha and others) (Res) (Published at cma.ca/jpn in October 2012)

Canadian College of Neuropsychopharmacology

Inhibition of the cortex using transcranial magnetic stimulation in psychiatric populations: current and future directions (Radhu and others) (Rev) 369

role for Akt and glycogen synthase kinase-3 as integrators of dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

Catechol-O-methyltransferase

Catechol-O-methyltransferase genotype modifies executive functioning and prefrontal functional connectivity in women with anorexia nervosa (Favaro and others) (Res) (Published at cma .ca/jpn in October 2012)

Cerebral cortex

Inhibition of the cortex using transcranial magnetic stimulation in psychiatric populations: current and future directions (Radhu and others) (Rev)

Child

Drugs for kids: Good or bad? (Albert) (E) 293

Management of comorbid Tourette syndrome and attentiondeficit/hyperactivity disorder: Are psychostimulants an option? (Pringsheim) (Psychopharm) 432

Child abuse, sexual

Working memory processing of traumatic material in women with posttraumatic stress disorder (Landré and others) (Res) 87

Choline

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) (Published at cma.ca/jpn in September 2012)

Comorbidity

Illness comorbidity as a biomarker? (Anisman and Hayley) (E) 221 Neurophysiological biomarkers support bipolar-spectrum disorders within psychosis cluster (Kaur and others) (Res) 313

Conditioning, psychology

Behavioural therapy based on distraction alleviates impaired fear extinction in male serotonin transporter knockout rats (Nonkes and others) (Res) 224

Conduct disorder

Comparison of brain volume abnormalities between ADHD and conduct disorder in adolescence (Stevens and Haney-Caron) (Res) (Published at cma.ca/jpn in June 2012)

Confounding factors

Overview of potential procedural and participant-related confounds for neuroimaging of the resting state (Duncan and Northoff) (Rev) (Published at cma.ca/jpn in September 2012)

Confounding factors, epidemiology

Illness comorbidity as a biomarker? (Anisman and Hayley) (E) 221

Corpus callosum

Impaired interhemispheric connectivity in medication-naive patients with major depressive disorder (Xu and others) (Res) (Published at cma.ca/jpn in April 2012)

-D-

Depression

Glutamine deficiency in the prefrontal cortex increases depressive-live behaviours in male mice (Lee and others) (Res) (Published at cma.ca/jpn in October 2012)

Depressive disorder

Decreased cognitive control in response to negative information in patients with remitted depression: an event-related potential study (Vanderhasselt and others) (Res) 250

Depressive disorder, major

Åbnormal hippocampal activation in patients with extensive history of major depression: an fMRI study (Milne and others) (Res) 28

- Effects of early-life adversity on white matter diffusivity changes in patients at risk for major depression (Frodl and others) (Res) 37
- 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) (Published at cma.ca/jpn in September 2012)

Impaired interhemispheric connectivity in medication-naive patients with major depressive disorder (Xu and others) (Res) (Published at cma.ca/jpn in April 2012)

Is depression a disconnection syndrome? Meta-analysis of diffusion tensor imaging studies in patients with MDD (Liao and others) (Res) (Published at cma.ca/jpn in June 2012)

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) (Published at cma.ca/jpn in September 2012)

Systematic review of the neural basis of social comition in

Systematic review of the neural basis of social cognition in patients with mood disorders (Cusi and others) (Rev) 154

Dextroamphetamine

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) (Published at cma.ca/jpn in August 2012)

Diabetes mellitus

Differential effects of 3 classes of antidiabetic drugs on olanzapine-induced glucose dysregulation and insulin resistance in female rats (Boyda and others) (Res) 407 Will lithium damage my kidneys? (Raedler) (Psychopharm) 216

Disease progression

Abnormal synaptic pruning in schizophrenia: Urban myth or reality? (Boksa) (E) 75

Dopamine

Dopamine D2 and D3 binding in people at clinical high risk for schizophrenia, antipsychotic-naive patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) (Published at cma.ca/jpn in September 2012)

Long-term administration of the dopamine D3/2 receptor agonist pramipexole increases dopamine and serotonin neurotransmission in the male rat forebrain (Chernoloz and others) (Res) 113

role for Akt and glycogen synthase kinase-3 as integrators of dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

Drug prescriptions

Drugs for kids: Good or bad? (Albert) (E) 293

-E-

Electroencephalography

Nonlinear analysis of electroencephalogram at rest and during cognitive tasks in patients with schizophrenia (Carlino and others) (Res) 259

Emotions

Decreased cognitive control in response to negative information in patients with remitted depression: an event-related potential study (Vanderhasselt and others) (Res) 250

Emotional modulation of motor response inhibition in women with borderline personality disorder: an fMRI study (Jacob and others) (Res) (Published at cma.ca/jpn in October 2012)

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) (Published at cma.ca/jpn in October 2012)

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) (Published at cma.ca/jpn in September 2012)

Reduced neural activity of the prefrontal cognitive control circuitry during response inhibition to negative words in people with schizophrenia (Vercammen and others) (Res)

Evoked potentials

Decreased cognitive control in response to negative information in patients with remitted depression: an event-related potential study (Vanderhasselt and others) (Res) 250

Event-related potentials and changes of brain rhythm oscillations during working memory activation in patients with firstepisode psychosis (Missonnier and others) (Res) 95

Neurophysiological biomarkers support bipolar-spectrum disorders within psychosis cluster (Kaur and others) (Res) 313

-F-

Facial expression

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) (Published at cma.ca/jpn in October 2012)

Fear

Behavioural therapy based on distraction alleviates impaired fear extinction in male serotonin transporter knockout rats (Nonkes and others) (Res) 224

Feeding behaviour

Food motivation circuitry hypoactivation related to hedonic and nonhedonic aspects of hunger and satiety in women with active anorexia nervosa and weight-restored women with anorexia nervosa (Holsen and others) (Res) 322

Frontotemporal dementia

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) (Published at cma.ca/jpn in October 2012)

-G-

Genetic association studies

Kynurenine 3-monooxygenase polymorphisms: relevance for kynurenic acid synthesis in patients with schizophrenia and healthy controls (Holtze and others) (Res) 53

Genetic predisposition to disease

Differential association between the norepinephrine transporter gene and ADHD: role of sex and subtype (Sengupta and others) (Res) 129

Parent-of-origin effects of FAS and PDLIM1 in attention-deficit/ hyperactivity disorder (Wang and others) (Res) 46

Protocadherin α (*PCDHA*) as a novel susceptibility gene for autism (Anitha and others) (Res) (Published at cma.ca/jpn in October 2012)

Genetic variation

Association between the NMDA glutamate receptor *GRIN2B* gene and obsessive–compulsive disorder (Alonso and others) (Res) 273

Genome-wide association study

Parent-of-origin effects of FAS and PDLIM1 in attention-deficit/hyperactivity disorder (Wang and others) (Res) 46 Protocadherin α (PCDHA) as a novel susceptibility gene for autism (Anitha and others) (Res) (Published at cma.ca/jpn in October 2012)

Geriatric psychiatry

Prophylaxis and treatment of bipolar disorder in older adults (Allan and Ebmeier) (Psychopharm) 288

Glucose tolerance test

Differential effects of 3 classes of antidiabetic drugs on olanzapine-induced glucose dysregulation and insulin resistance in female rats (Boyda and others) (Res) 407

Glutamine

Glutamine deficiency in the prefrontal cortex increases depressive-live behaviours in male mice (Lee and others) (Res) (Published at cma.ca/jpn in October 2012)

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) (Published at cma.ca/jpn in September 2012)

Glycogen synthase kinase 3

role for Akt and glycogen synthase kinase-3 as integrators of dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

-H-

Hippocampus

Abnormal hippocampal activation in patients with extensive history of major depression: an fMRI study (Milne and others) (Res) 28

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) (Published at cma.ca/jpn in September 2012)

Smaller hippocampal volumes in patients with bipolar disorder are masked by exposure to lithium: a meta-analysis (Hajek and others) (Res) 333

Hunger

Food motivation circuitry hypoactivation related to hedonic and nonhedonic aspects of hunger and satiety in women with active anorexia nervosa and weight-restored women with anorexia nervosa (Holsen and others) (Res) 322

-I-

Internal capsule

Evidence for fractional anisotropy and mean diffusivity white matter abnormalities in the internal capsule and cingulum in patients with obsessive–compulsive disorder (Lochner and others) (Res) 193

-K-

Kynurenic acid

Kynurenine 3-monooxygenase polymorphisms: relevance for kynurenic acid synthesis in patients with schizophrenia and healthy controls (Holtze and others) (Res) 53

-L-

Life change events

Effects of early-life adversity on white matter diffusivity changes in patients at risk for major depression (Frodl and others) (Res) 37

Lithium compounds

Large positive effect of lithium on prefrontal cortex N-acetylaspartate in patients with bipolar disorder: 2-centre study (Hajek and others) (Res) 185

Smaller hippocampal volumes in patients with bipolar disorder are masked by exposure to lithium: a meta-analysis (Hajek and others) (Res) 333

Will lithium damage my kidneys? (Raedler) (Psychopharm) 216

-M-

Memory, short-term

Event-related potentials and changes of brain rhythm oscillations during working memory activation in patients with firstepisode psychosis (Missonnier and others) (Res) 95

Working memory processing of traumatic material in women with posttraumatic stress disorder (Landré and others) (Res) 87

Mental disorders

Inhibition of the cortex using transcranial magnetic stimulation in psychiatric populations: current and future directions (Radhu and others) (Rev) 369

Loose ends of psychiatric research (Alda and Hajek) (E) 367 Psychiatry's age of enlightenment: optogenetics and the discovery of novel targets for the treatment of psychiatric disorders (Sidor) (E) 4

Meta-analysis as topic

Publication bias: What are the challenges and can they be overcome? (Joober and others) (E) 149

Mice

Glutamine deficiency in the prefrontal cortex increases depressive-live behaviours in male mice (Lee and others) (Res) (Published at cma.ca/jpn in October 2012)

Mood disorders

Systematic review of the neural basis of social cognition in patients with mood disorders (Cusi and others) (Rev) 154

-N-

Nerve fibres

Evidence for fractional anisotropy and mean diffusivity white matter abnormalities in the internal capsule and cingulum in patients with obsessive–compulsive disorder (Lochner and others) (Res) 193

Nerve net

Does the salience network play a cardinal role in psychosis? An emerging hypothesis of insular dysfunction (Palaniyappan and Liddle) (Rev) 17

Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study (Otti and others) (Res) (Published at cma.ca/jpn in August 2012)

Neural pathways

Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder (Sripada and others) (Res) 241

Brain functional connectivity during induced sadness in patients with obsessive–compulsive disorder (Fontenelle and others) (Res) 231

Food motivation circuitry hypoactivation related to hedonic and nonhedonic aspects of hunger and satiety in women with active anorexia nervosa and weight-restored women with anorexia nervosa (Holsen and others) (Res) 322

Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia (Virani and others) (Res) (Published at cma.ca/jpn in October 2012)

Impaired interhemispheric connectivity in medication-naive patients with major depressive disorder (Xu and others) (Res) (Published at cma.ca/jpn in April 2012)

Is depression a disconnection syndrome? Meta-analysis of diffusion tensor imaging studies in patients with MDD (Liao and others) (Res) (Published at cma.ca/jpn in June 2012)

Long-term administration of the dopamine D3/2 receptor agonist pramipexole increases dopamine and serotonin neurotransmission in the male rat forebrain (Chernoloz and others) (Res) 113

Overview of potential procedural and participant-related confounds for neuroimaging of the resting state (Duncan and Northoff) (Rev) (Published at cma.ca/jpn in September 2012)

Recruitment of the left hemispheric emotional attention neural network in risk for and protection from depression (Lisiecka and others) (Res) (Published at cma.ca/jpn in September 2012)

Reduced neural activity of the prefrontal cognitive control circuitry during response inhibition to negative words in people with schizophrenia (Vercammen and others) (Res) 379

Neuronal plasticity

Aberrant cortical gyrification in schizophrenia: a surface-based morphometry study (Palaniyappan and Liddle) (Res) 399

Neuroprotective agents

Large positive effect of lithium on prefrontal cortex N-acetylaspartate in patients with bipolar disorder: 2-centre study (Hajek and others) (Res) 185

Nonlinear dynamics

Nonlinear analysis of electroencephalogram at rest and during cognitive tasks in patients with schizophrenia (Carlino and others) (Res) 259

Norepinephrine plasma membrane transport proteins

Differential association between the norepinephrine transporter gene and ADHD: role of sex and subtype (Sengupta and others) (Res) 129



Obsessive-compulsive disorder

- Association between the NMDA glutamate receptor *GRIN2B* gene and obsessive–compulsive disorder (Alonso and others) (Res) 273
- Brain functional connectivity during induced sadness in patients with obsessive–compulsive disorder (Fontenelle and others) (Res) 231
- Evidence for fractional anisotropy and mean diffusivity white matter abnormalities in the internal capsule and cingulum in patients with obsessive–compulsive disorder (Lochner and others) (Res) 193
- Stress response in postpartum women with and without obsessive–compulsive symptoms: an fMRI study (Lord and others) (Res) 78



Pain

Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study (Otti and others) (Res) (Published at cma.ca/jpn in August 2012)

Personality

Is the Gİy82Ser polymorphism in the *RAGE* gene relevant to schizophrenia and the personality trait psychoticism? (Suchankova and others) (Res) 122

Polymorphism, genetic

- Association between the NMDA glutamate receptor *GRIN2B* gene and obsessive–compulsive disorder (Alonso and others) (Res) 273
- Catechol-O-methyltransferase genotype modifies executive functioning and prefrontal functional connectivity in women with anorexia nervosa (Favaro and others) (Res) (Published at cma .ca/jpn in October 2012)
- Is the Gly82Ser polymorphism in the *RAGE* gene relevant to schizophrenia and the personality trait psychoticism? (Suchankova and others) (Res) 122

Polymorphism, single nucleotide

- Differential association between the norepinephrine transporter gene and ADHD: role of sex and subtype (Sengupta and others) (Res) 129
- Kynurenine 3-monooxygenase polymorphisms: relevance for kynurenic acid synthesis in patients with schizophrenia and healthy controls (Holtze and others) (Res) 53
- Parent-of-origin effects of FAS and PDLIM1 in attentiondeficit/hyperactivity disorder (Wang and others) (Res) 46

Postpartum period

Stress response in postpartum women with and without obsessive–compulsive symptoms: an fMRI study (Lord and others) (Res) 78

Predictive value of tests

Voxel-wise meta-analysis of fMRI studies in patients at clinical high risk for psychosis (Fusar-Poli) (Res) 106

Proto-oncogene proteins c-akt

role for Akt and glycogen synthase kinase-3 as integrators of dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

Psychotic disorders

- Adverse events associated with switching antipsychotics (Su and others) (Psychopharm) 72
- Does the salience network play a cardinal role in psychosis? An emerging hypothesis of insular dysfunction (Palaniyappan and Liddle) (Rev) 17
- Event-related potentials and changes of brain rhythm oscillations

- during working memory activation in patients with firstepisode psychosis (Missonnier and others) (Res) 95
- Is the Gly82Ser polymorphism in the *RAGE* gene relevant to schizophrenia and the personality trait psychoticism? (Suchankova and others) (Res) 122
- Magnetic resonance imaging correlates of first-episode psychosis in young adult male patients: combined analysis of grey and white matter (Ruef and others) (Res) 305
- Managing pathologic aggression in people with psychotic disorders (Bourget and Labelle) (Psychopharm) 144
- Neurophysiological biomarkers support bipolar-spectrum disorders within psychosis cluster (Kaur and others) (Res) 313
- Voxel-wise meta-analysis of fMRI studies in patients at clinical high risk for psychosis (Fusar-Poli) (Res) 106

Publication bias

Publication bias: What are the challenges and can they be overcome? (Joober and others) (E) 149

-R-

Rats

- Behavioural therapy based on distraction alleviates impaired fear extinction in male serotonin transporter knockout rats (Nonkes and others) (Res) 224
- Differential effects of 3 classes of antidiabetic drugs on olanzapine-induced glucose dysregulation and insulin resistance in female rats (Boyda and others) (Res) 407
- Long-term administration of the dopamine D3/2 receptor agonist pramipexole increases dopamine and serotonin neurotransmission in the male rat forebrain (Chernoloz and others) (Res) 113

Receptors, glutamate

- Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revett and others) (Rev) (Published at cma.ca/jpn in August 2012)
- Ionotropic glutamate receptor mRNA editing in the prefrontal cortex: no alterations in schizophrenia or bipolar disorder (Lyddon and others) (Res) 267

Receptors, N-methyl-D-aspartate

Association between the NMDA glutamate receptor *GRIN2B* gene and obsessive–compulsive disorder (Alonso and others) (Res) 273

Research design

Loose ends of psychiatric research (Alda and Hajek) (E) 367 Publication bias: What are the challenges and can they be overcome? (Joober and others) (E) 149

Risk

Mapping vulnerability to bipolar disorder: a systematic review and meta-analysis of neuroimaging studies (Fusar-Poli and others) (Res) 170

Risk assessment

- Dopamine D2 and D3 binding in people at clinical high risk for schizophrenia, antipsychotic-naive patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) (Published at cma.ca/jpn in September 2012)
- Voxel-wise meta-analysis of fMRI studies in patients at clinical high risk for psychosis (Fusar-Poli) (Res) 106
- Will lithium damage my kidneys? (Raedler) (Psychopharm) 216

Risk factors

Illness comorbidity as a biomarker? (Anisman and Hayley) (E) 221

RNA editing

Ionotropic glutamate receptor mRNA editing in the prefrontal cortex: no alterations in schizophrenia or bipolar disorder (Lyddon and others) (Res) 267



Satiation

Food motivation circuitry hypoactivation related to hedonic and

nonhedonic aspects of hunger and satiety in women with active anorexia nervosa and weight-restored women with anorexia nervosa (Holsen and others) (Res) 322

Schizophrenia

Aberrant cortical gyrification in schizophrenia: a surface-based morphometry study (Palaniyappan and Liddle) (Res) 399

Abnormal synaptic pruning in schizophrenia: Urban myth or reality? (Boksa) (E) 75

Adverse events associated with switching antipsychotics (Su and others) (Psychopharm) 72

Dexamphetamine selectively increases 40 Hz auditory steady state response power to target and nontarget stimuli in healthy humans (Albrecht and others) (Res) (Published at cma.ca/jpn in August 2012)

Does the salience network play a cardinal role in psychosis? An emerging hypothesis of insular dysfunction (Palaniyappan and Liddle) (Rev) 17

Dopamine D2 and D3 binding in people at clinical high risk for schizophrenia, antipsychotic-naive patients and healthy controls while performing a cognitive task (Suridjan and others) (Res) (Published at cma.ca/jpn in September 2012)

Drugs for kids: Good or bad? (Albert) (E) 293

Ionotropic glutamate receptor mRNA editing in the prefrontal cortex: no alterations in schizophrenia or bipolar disorder (Lyddon and others) (Res) 267

Is the Gly82Ser polymorphism in the *RAGE* gene relevant to schizophrenia and the personality trait psychoticism? (Suchankova and others) (Res) 122

Kynurenine 3-monooxygenase polymorphisms: relevance for kynurenic acid synthesis in patients with schizophrenia and healthy controls (Holtze and others) (Res) 53

Nonlinear analysis of electroencephalogram at rest and during cognitive tasks in patients with schizophrenia (Carlino and others) (Res) 259

Reduced neural activity of the prefrontal cognitive control circuitry during response inhibition to negative words in people with schizophrenia (Vercammen and others) (Res) 379

Schizophrenia with preserved insight is associated with increased perfusion of the precuneus (Faget-Agius and others) (Res) 297

Structural brain correlates of sensorimotor gating in antipsychotic-naive men with first-episode schizophrenia (Hammer and others) (Res) (Published at cma.ca/jpn in June 2012)

Schizophrenia, paranoid

Managing pathologic aggression in people with psychotic disorders (Bourget and Labelle) (Psychopharm) 144

Self-assessment

Schizophrenia with preserved insight is associated with increased perfusion of the precuneus (Faget-Agius and others) (Res) 297

Sensory gating

Structural brain correlates of sensorimotor gating in antipsychotic-naive men with first-episode schizophrenia (Hammer and others) (Res) (Published at cma.ca/jpn in June 2012)

Serotonin

Behavioural therapy based on distraction alleviates impaired fear extinction in male serotonin transporter knockout rats (Nonkes and others) (Res) 224

Long-term administration of the dopamine D3/2 receptor agonist pramipexole increases dopamine and serotonin neurotransmission in the male rat forebrain (Chernoloz and others) (Res) 113

role for Akt and glycogen synthase kinase-3 as integrators of

dopamine and serotonin neurotransmission in mental health, A (Beaulieu) (Rev) 7

Sex characteristics

Differential association between the norepinephrine transporter gene and ADHD: role of sex and subtype (Sengupta and others) (Res) 129

Social behaviour

Systematic review of the neural basis of social cognition in patients with mood disorders (Cusi and others) (Rev) 154

Somatoform disorders

Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study (Otti and others) (Res) (Published at cma.ca/jpn in August 2012)

Stress

Behavioural therapy based on distraction alleviates impaired fear extinction in male serotonin transporter knockout rats (Nonkes and others) (Res) 224

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) (Published at cma.ca/jpn in September 2012)

Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder (Kuhlmann and others) (Res) (Published at cma.ca/jpn in August 2012)

Stress response in postpartum women with and without obsessive–compulsive symptoms: an fMRI study (Lord and others) (Res) 78

Stress disorders, posttraumatic

Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder (Sripada and others) (Res) 241

Working memory processing of traumatic material in women with posttraumatic stress disorder (Landré and others) (Res) 87

Synapses

Abnormal synaptic pruning in schizophrenia: Urban myth or reality? (Boksa) (E) 75

Synaptic transmission

Long-term administration of the dopamine D3/2 receptor agonist pramipexole increases dopamine and serotonin neurotransmission in the male rat forebrain (Chernoloz and others) (Res) 113

-T-

Tau proteins

Glutamate system, amyloid β peptides and tau protein: functional interrelationships and relevance to Alzheimer disease pathology (Revett and others) (Rev) (Published at cma.ca/jpn in August 2012)

Theory of mind

Systematic review of the neural basis of social cognition in patients with mood disorders (Cusi and others) (Rev) 154

Tourette syndrome

Management of comorbid Tourette syndrome and attentiondeficit/hyperactivity disorder: Are psychostimulants an option? (Pringsheim) (Psychopharm) 432

Transcranial magnetic stimulant

Inhibition of the cortex using transcranial magnetic stimulation in psychiatric populations: current and future directions (Radhu and others) (Rev) 369