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Dr. Tomas Hajek

Correspondence language: English

Sex: Male

Date of Birth: 1/08

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

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Dr. Tomas Hajek

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
Czech	Yes	Yes	Yes	Yes	
English	Yes	Yes	Yes	Yes	
French	No	No	No	No	
German	Yes	No	No	Yes	

Degrees

2003/10 - 2005/9	Post-doctorate, Fellowship in Mood Disorders, Mood disorders, Dalhousie University Degree Status: Completed Supervisors: Professor Martin Alda
2004/4 - 2004/5	Diploma, Basic Linkage Analysis Course, Genetics, Rockefeller University Degree Status: Completed Supervisors: Dr. Jurgen Ott
1999/9 - 2003/6	Doctorate, PhD in Neuroscience, Neuroscience, Charles University Degree Status: Completed Supervisors: Professor Cyril Hoschl
1999/9 - 2003/5	Diploma, Residency in Psychiatry, Psychiatry, Charles University Degree Status: Completed Supervisors: Professor Cyril Hoschl
2000/7 - 2000/8	Diploma, Berlin Summer School on Psychiatry, a Science, Psychiatry, Free University of Berlin Degree Status: Completed Supervisors: Professor Norman Sartorius
1993/9 - 1999/6	Doctorate, Doctor of Medicine - M.D., Medicine, Charles University Degree Status: Completed Supervisors: .

Credentials

2004/4	Academic Specialist License #13551, College of Physicians and Surgeons of Nova Scotia Psychiatry
2003/5	Certification in Psychiatry, Institute for Postgraduate Education in Psychiatry Psychiatry

Recognitions

2018/12	Leading Research Achievements of 2018 by Brain and Behavior Research Foundation for the manuscript: "Using structural MRI to identify bipolar disorders-13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group Brain and Behavior Research Foundation
2018/12	Best clinical publication in 2018 award for the manuscript: "Obesity, dyslipidemia and brain age in first-episode psychosis" Czech Neuropsychopharmacological Society
2007/1	Member International Group for the Study of Lithium Treated Patients (IGSLI) Distinction
2007/1 - 2007/1	Best presentation by junior faculty award - 500 Department of Psychiatry Research Day, Dalhousie University Prize / Award Psychiatry Research
2005/6	Fellowship Research Award - 1,500 (Canadian dollar) World Psychiatric Association, XIII World Congress of Psychiatry - Egypt Prize / Award
2005/1	Lilly Young Investigator Fellow in Bipolar Disorder - 1,000 (Canadian dollar) Sixth International Conference on Bipolar Disorder - United States Prize / Award
2004/1	Travel Bursary - 500 (Canadian dollar) International Society for Affective Disorders conference - Mexico Prize / Award
2004/1 - 2004/1	Best presentation by junior faculty/research fellow - 500 Department of Psychiatry Research Day, Dalhousie University Prize / Award Psychiatry Research
2003/10 - 2005/9	Fellowship in Mood Disorders - 200,000 (Canadian dollar) Dalhousie University Prize / Award
2002/6	Travel Award to participate in Colloquium for Young Investigators - 1,500 (Canadian dollar) American Psychiatric Association - United States Prize / Award
2002/1 - 2002/1	American Psychiatric Association Sponsored Award for the best presentation at Conference of the Czech Psychiatric Association - 3,000 Czech Psychiatric Association, sponsored by American Psychiatry Association Prize / Award Psychiatry Research
2002/1 - 2002/1	Hlavka's Prize for the Best Young Researchers at Czech Universities - 1,000 Hlavka's Foundation Prize / Award Psychiatry Research

User Profile

Engaged in Clinical Research?: Yes

Research Interests: Multimodal neuroimaging, neurocognitive studies in affected and unaffected offspring of bipolar parents (high-risk design).

Fields of Application: Pathogenesis and Treatment of Diseases

Disciplines Trained In: Neurosciences, Psychiatry

Areas of Research: Depression, Mood Disorders, Suicide

Research Specialization Keywords: Hippocampus, BrainAGE, bipolar disorders, magnetic resonance imaging, magnetic resonance spectroscopy, Lithium, genetic high-risk studies, brain development, clinical staging, neuroprogression, Epidemiology, Hippocampus, Linkage analysis, Mood disorders, MRI, MR spectroscopy, Neuroimaging, Pituitary, Subgenual cingulate

Research Disciplines: Neurosciences, Psychiatry

Employment

2015/8	Senior Researcher Applied Neuroscience & Brain Imaging, Charles University, National Institute of Mental Health, Czech Republic Full-time
2015/7	Professor Department of Psychiatry Psychiatry, Faculty of Medicine, Dalhousie University Full-time
2009/8	Associate Professor Psychiatry, Dalhousie University, Dalhousie University Part-time
2005/10	Staff Psychiatrist Capital District Health Authority (CDHA)
2012/8 - 2012/8	Faculty Neuroscience, Neuroscience School of Advanced Studies, Neuroscience School of Advanced Studies Full-time
2005/10 - 2009/7	Assistant Professor Psychiatry, Dalhousie University, Dalhousie University Part-time
2003/10 - 2005/9	Clinical Research Fellow Psychiatry, Dalhousie University, Dalhousie University Full-time
2003/6 - 2005/6	Faculty Psychiatry, Vienna School of Clinical Research, Vienna School of Clinical Research Full-time
1999/7 - 2003/6	Postdoctoral Student Psychiatry, Charles University, Charles University Full-time
2001/10 - 2001/11	Trainee, MRI Volumetry Neurochemical Brain Imaging Laboratory, Western Psychiatric Institute and Clinic, Western Psychiatric Institute and Clinic Part-time
1999/6 - 2001/6	Science Journalist Science supplement, MF Dnes, Science supplement

1997/8 - 1997/9 Student, Special Study Module in Endocrinology
The Royal London School of Medicine, University of London, The Royal London School of Medicine, University of London, The Royal London School of Medicine, University of London
Full-time

Affiliations

The primary affiliation is denoted by (*)

2015/7 Senior Researcher, Psychiatry, National Institute of Mental Health, Czech Republic

(*) 2015/7 Professor, Psychiatry, Dalhousie University

Research Funding History

Awarded [n=18]

2023/4 - 2027/3 Obesity, brain structure and cognitive functioning in major psychiatric disorders - large
Principal Investigator scale, multicenter study, Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

Canadian Institutes of Health Research (CIHR)
Neurosciences, Mental Health and Addiction
Total Funding - 685,000
Funding Competitive?: Yes

Co-investigator : Benjamin Goldstein; Lakshmi Yatham; Martin Alda; Rudolf Uher

2022/4 - 2027/3 Insulin resistance, type 2 diabetes mellitus and future brain, cognitive, biochemical and
Principal Investigator clinical outcomes in bipolar disorders - prospective study, Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

Canadian Institutes of Health Research (CIHR)
Project grant
Total Funding - 742,050
Funding Competitive?: Yes

2022/4 - 2027/1 ENIGMA Bipolar Initiative: A Global Study of Imaging Genomics & Clinical Outcomes,
Co-applicant Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

2022/4 - 2027/1 National Institutes of Health (NIH) (USA)
NIH Research Project Grant Program (R01)
Portion of Funding Received - 146,000 (Canadian dollar)
Funding Reference Number: 1R01MH129742-01

2020/6 - 2024/5 Obesity as a risk factor for adverse brain, cognitive and clinical outcomes in schizophrenia
Co-investigator - prospective study., Grant

Funding Sources:

2019/1 - 2020/1 Ministry of Health, Czech Republic
Operating
Total Funding - 680,000
Funding Competitive?: Yes

2020/9 - 2021/8 Co-investigator	Principal Investigator : Spaniel, Filip Brain development and the onset of depression in youth, Grant, Operating Funding Sources: 2020/9 - 2021/8 Canadian Institutes of Health Research (CIHR) Bridge Funding Total Funding - 100,000 (Canadian dollar) (Canadian dollar) Funding Competitive?: Yes Funding Reference Number: 437021
2020/9 - 2021/8 Principal Investigator	Neuroprotective effects of Li on retinal ganglion cells, Grant, Operating Funding Sources: 2020/9 - 2021/8 Dalhousie Psychiatry Research Fund Operating Total Funding - 19,635 (Canadian dollar) Funding Competitive?: Yes
2019/8 - 2021/7 Principal Investigator	Neuroprotective effect of lithium in participants at risk for Alzheimer's disease, Grant Funding Sources: 2019/1 - 2020/1 CALDO-FAPESP Canada-Brazil Collaborative Research Projects Total Funding - 24,960 Funding Competitive?: Yes
2015/7 - 2021/6 Principal Investigator	Is type 2 diabetes mellitus a risk factor for neuroanatomical changes, cognitive impairment and oxidative stress in bipolar disorders?, Grant, Operating Funding Sources: 2015/9 - 2020/8 Canadian Institutes of Health Research (CIHR) Operating Total Funding - 864,220 (Canadian dollar) Funding Competitive?: Yes
2016/1 - 2020/1 Principal Investigator	Improving early diagnosis of schizophrenia and bipolar I disorder by combining magnetic resonance imaging and machine learning, Grant Funding Sources: 2014/9 - 2020/8 Ministry of Health, Czech Republic Agentura Zdravotnickeho Vyzkumu Total Funding - 565,374 (Canadian dollar) Funding Competitive?: Yes
2016/1 - 2020/1 Principal Investigator	Principal Investigator : Spaniel, Filip Diabetes and pre-diabetes as biological risk factors for brain atrophy and memory impairment in schizophrenia, Grant Funding Sources: 2016/9 - 2020/8 Ministry of Health, Czech Republic Agentura Zdravotnickeho Vyzkumu Total Funding - 493,138 (Canadian dollar) Funding Competitive?: Yes
2015/9 - 2017/9 Principal Investigator	Are prediabetes, diabetes modifiable risk factors for brain changes in bipolar disorder?, Grant, Operating

Funding Sources:

2015/9 - 2017/9 Brain and Behavior Research Foundation
NARSAD Independent Investigator Grant
Total Funding - 99,812 (United States dollar)
Funding Competitive?: Yes

2014/9 - 2016/8 Effect of cognitive-behavioral intervention on the trajectories of brain development in
Co-investigator adolescents at risk for severe mental illness, Grant, Operating

Funding Sources:

2014/9 - 2016/8 Capital Health Research Fund
Operating
Total Funding - 15,000 (Canadian dollar)
Funding Competitive?: Yes

2012/10 - 2015/9 Opportunities for very early intervention in youth at high risk for severe mental illness,
Co-investigator Grant, Operating

Funding Sources:

2012/10 - 2015/9 CIHR and NSHRF Regional Partnership Program
Operating
Total Funding - 338,634 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : Uher, Rudolf

2014/9 - 2015/8 Is type 2 diabetes mellitus a risk factor for neuroanatomical changes in bipolar disorders?,
Principal Investigator Grant, Operating

Funding Sources:

2014/9 - 2015/8 Dalhousie University
Faculty of Medicine/Department of Psychiatry Bridge Funding
Total Funding - 40,000 (Canadian dollar)
Funding Competitive?: Yes

2010/4 - 2015/3 The early course of bipolar disorder: From genetic risk to illness onset, Grant, Operating
Co-investigator

Funding Sources:

2010/4 - 2015/3 Canadian Institutes of Health Research (CIHR)
Operating
Total Funding - 1,105,246 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : Duffy, Anne

2008/4 - 2015/3 Investigations of neuroanatomical/neurochemical risk factors for bipolar disorder and their
Principal Investigator pathophysiology - high-risk studies, Grant, Operating

Funding Sources:

2008/1 - 2013/12 Dalhousie University
Clinical Research Scholar
Total Funding - 405,000 (Canadian dollar)
Funding Competitive?: Yes

2010/10 - 2014/10 Anatomical, functional connectivity and gray matter development as risk factors for bipolar
Principal Investigator disorders - longitudinal MRI study in offspring of bipolar parents, Grant, Operating

Funding Sources:

2010/10 - 2013/10 Canadian Institutes of Health Research (CIHR)
Operating
Total Funding - 343,929 (Canadian dollar)
Funding Competitive?: Yes

2010/9 - 2014/9 Gray matter development and white matter microstructure in offspring of bipolar patients -
Principal Investigator longitudinal MRI high-risk study, Grant, Operating

Funding Sources:

2010/9 - 2013/9 Nova Scotia Health Research Foundation (NSHRF)
Operating
Total Funding - 107,666 (Canadian dollar)
Funding Competitive?: Yes

Completed [n=8]

2009/6 - 2011/5 Atypical depressive symptoms in depressive episodes of offspring of bipolar parents: A
Co-investigator pilot study, Grant, Operating

Funding Sources:

2009/6 - 2011/5 Dalhousie Psychiatry Research Fund
Operating
Total Funding - 10,000 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : Propper, Lukas

2008/4 - 2011/4 A randomized, double-blind, controlled study of lithium versus paroxetine in subjects
Co-investigator with major depression who have a family history of bipolar disorder or completed suicide,
Grant, Operating

Funding Sources:

2008/4 - 2011/4 Nova Scotia Health Research Foundation (NSHRF)
Operating
Total Funding - 150,000 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : O`Donovan, Claire

2010/5 - 2011/4 Changes in white matter integrity as risk factors for bipolar disorders: a diffusion tensor
Co-investigator tractography study, Grant, Operating

Funding Sources:

2010/5 - 2011/4 Nova Scotia Health Research Foundation (NSHRF)
Student Research Award
Total Funding - 19,030 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : Gunde, Eva

2010/4 - 2011/3 Anatomical, functional connectivity and gray matter development as risk factors for bipolar
Principal Investigator disorders - longitudinal MRI study in offspring of bipolar parents, Grant, Operating

Funding Sources:

2010/4 - 2011/3 Canadian Institutes of Health Research (CIHR)
 Bridge funding
 Total Funding - 100,000 (Canadian dollar)
 Funding Competitive?: Yes

2006/9 - 2010/9 Fluctuations in brain choline in relationship to mood state. Case study in a patient with
 Principal Investigator rapid regular cycling of bipolar I disorder, Grant, Operating

Funding Sources:

2006/9 - 2010/9 Dalhousie Psychiatry Research Fund
 Operating
 Total Funding - 5,000 (Canadian dollar)
 Funding Competitive?: Yes

2007/4 - 2010/8 Neuroanatomical/neurochemical risk factors for bipolar disorders and their
 Principal Investigator pathophysiology - high-risk study, Grant, Operating

Funding Sources:

2007/4 - 2010/8 NARSAD: The Mental Health Research Association (USA)
 Young Investigator Award
 Total Funding - 69,275 (Canadian dollar)
 Funding Competitive?: Yes

2006/1 - 2008/12 Detection of neuroanatomical risk factors for bipolar disorders (IGA NR8786), Grant,
 Co-investigator Operating

Funding Sources:

2006/1 - 2008/12 Ministry of Health of the Czech Republic
 Total Funding - 217,000 (Canadian dollar)
 Funding Competitive?: Yes

Principal Investigator : Hoschl, Cyril

2006/6 - 2008/6 A randomized, double-blind, double-dummy, controlled trial of lithium versus paroxetine in
 Co-investigator subjects with major depression who have a family history of bipolar disorder or completed
 suicide, Grant, Operating

Funding Sources:

2006/6 - 2008/6 Capital District Health Authority (The) (CDHA) (Nova Scotia)
 Total Funding - 14,694 (Canadian dollar)
 Funding Competitive?: Yes

Principal Investigator : O'Donovan, Claire

Student/Postdoctoral Supervision**Master's Thesis [n=4]**

2023/3 - 2025/6 Julia Fraiha Pegado (In Progress) , Dalhousie University
 Principal Supervisor Thesis/Project Title: Predicting brain changes over time by BMI at baseline - mega-
 analysis
 Present Position: Student

2021/9 - 2022/6 Principal Supervisor	Caitlin Robinson (Completed) , Dalhousie University - Psychiatry Thesis/Project Title: Links between obesity, bipolar disorders and brain chemistry - magnetic resonance spectroscopy study Present Position: Student
2020/9 Co-Supervisor	Jenna Bissonette (In Progress) , Dalhousie University Student Degree Start Date: 2020/9 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Examining the Complex Mismatch Negativity in Early Phase and High-Risk Psychosis Populations Present Position: Student
2019/9 Co-Supervisor	Lucy Macleod (Completed) , Dalhousie University Student Degree Start Date: 2019/9 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: THE ASSOCIATION OF PHYSICAL ACTIVITY AND SLEEP WITH PSYCHIATRIC DISORDERS AS MEASURED BY A NOVEL SMARTPHONE APP Present Position: Student
Doctorate [n=11]	
2021/1 Principal Supervisor	Kristyna Vochoskova (In Progress) , 3rd School of Medicine, Charles University, Prague Student Degree Start Date: 2020/9 Thesis/Project Title: Metabolic syndrome - endophenotype or consequence of first episode psychosis Present Position: Student
2020/11 Principal Supervisor	Lorielle Dietze (In Progress) , Dalhousie University Student Degree Start Date: 2020/9 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Interplay between metabolic alterations, major psychiatric disorders, and white matter structure Present Position: Student
2017/6 - 2020/8 Academic Advisor	Abraham Nunes (Completed) , Dalhousie University - Psychiatry Student Degree Start Date: 2017/6 Thesis/Project Title: Classifying Bipolar Disorder Using Structural Neuroimaging: Performance and Site-Level Heterogeneity Present Position: Residency in Psychiatry, Clinician Researcher Programme
2017/3 - 2020/8 Academic Advisor	Vlad Drobinin (Completed) , Dalhousie University Student Degree Start Date: 2017/3 Thesis/Project Title: Brain development and risk of severe mental illness Present Position: Research Associate
2015/7 Principal Supervisor	Capkova, Jana (In Progress) , 3rd School of Medicine, Charles University, Prague Student Degree Start Date: 2015/9 Thesis/Project Title: Influence of glucose metabolism on illness course and cognitive functioning in bipolar disorders Present Position: PhD student
2015/7 - 2020/9 Principal Supervisor	Kolenic, Marian (Completed) , 3rd School of Medicine, Charles University, Prague Student Degree Start Date: 2015/9 Student Degree Received Date: 2020/9 Thesis/Project Title: Diabetes and pre-diabetes as biological risk factors for brain atrophy and memory impairment in schizophrenia Present Position: Researcher, National Institute of Mental Health, Czech Republic

2014/8 - 2016/7 Academic Advisor	MacKenzie, Lynn (Completed) , Dalhousie University - Dept. of Psychology & Neuroscience Student Degree Start Date: 2014/8 Thesis/Project Title: Cognitive functioning and familial risk of severe mental illness Present Position: PhD Student
2014/5 Principal Supervisor	Hafeman, Danella (In Progress) , U. of Pittsburgh Medical Center - Mentor-mentee prog. Society of Biological Psychiatry Conference Student Degree Start Date: 2014/9
2013/9 Principal Supervisor	Macosco, Evan (In Progress) , MGH/McLean Residency Prog., Mentee in the Mentor-mentee prog. -Society of Biol Psychiatry Conference Student Degree Start Date: 2013/9
2013/1 - 2018/11 Principal Supervisor	Mikolas, Pavol (Completed) , 3rd School of Medicine, Charles University, Prague Student Degree Start Date: 2013/1 Thesis/Project Title: Improving early diagnosis of schizophrenia and bipolar I disorder by combining magnetic resonance imaging and machine learning Present Position: Academic Psychiatrists, University Hospital, Carl Gustav Carus, Dresden
2008/1 Principal Supervisor	Gunde, Eva (In Progress) , Dalhousie University - Anatomy, Neurobiology Student Degree Start Date: 2008/1
Post-doctorate [n=5]	
2019/10 Principal Supervisor	McWhinney, Sean (In Progress) , Dalhousie University Student Degree Start Date: 2019/10 Thesis/Project Title: obesity as a mediator/risk factor for brain alterations in bipolar disorders - ENIGMA Consortium study Present Position: Post doc with our research group
2015/9 - 2018/8 Academic Advisor	Virginio Salvi (Completed) , ASST Fatebenefratelli-Sacco: Milan, IT Student Degree Start Date: 2015/9 Thesis/Project Title: Insulin resistance and verbal memory impairment in bipolar disorders Present Position: Associate Professor, Università Politecnica delle Marche: Ancona, Marche, IT
2015/5 Academic Advisor	Mansur, Rodrigo (Completed) , University of Toronto Student Degree Start Date: 2015/5 Thesis/Project Title: A randomized, double-blind, placebo- and active-controlled 12-week study evaluating the efficacy, safety, and tolerability of adjunctive liraglutide for the treatment of cognitive dysfunction in mood disorders Present Position: Assistant Professor, Department of psychiatry, University of Toronto
2006/9 - 2009/3 Principal Supervisor	Etches, Selene (Completed) , Dalhousie University - Psychiatry Student Degree Start Date: 2006/9 Thesis/Project Title: Resolution of Bipolar II and Panic Disorders Following Subarachnoid Hemorrhage Present Position: Staff psychiatrist, Dalhousie University
2005/6 - 2008/6 Principal Supervisor	Hahn, Margaret (Completed) , Dalhousie University - Psychiatry Student Degree Start Date: 2006/6 Thesis/Project Title: Rapid cycling bipolar disorders in primary and tertiary care treated patients Present Position: Clinician scientist at CAMH

Research Associate [n=7]

2020/8 Principal Supervisor	Alex Ross (Completed) , Dalhousie University Student Degree Start Date: 2020/6 Student Degree Received Date: 2023/4 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Diabetes, psychiatric medications and brain structure in bipolar disorders Present Position: Research Associate
2018/7 - 2019/8 Principal Supervisor	Johnson, Kyle (Completed) , Dalhousie University Student Degree Start Date: 2018/7 Thesis/Project Title: Magnetic resonance spectroscopy, structural, brain imaging analyses, brainAGE analyses, database management Present Position: Research Assistant
2016/11 - 2020/6 Principal Supervisor	van Gestel, Holly (Completed) , Dalhousie University Student Degree Start Date: 2016/11 Thesis/Project Title: Management of clinical database, brainAGE analyses Present Position: Research Assistant
2013/11 - 2015/9 Principal Supervisor	Cooke, Christopher (Completed) , Dalhousie University Student Degree Start Date: 2013/11
2013/10 - 2018/7 Principal Supervisor	Newport, Jason (Completed) , Dalhousie University Student Degree Start Date: 2013/10 Thesis/Project Title: Magnetic resonance spectroscopy, structural, brain imaging analyses, database management, programming Present Position: Data analyst
2010/9 - 2013/9 Principal Supervisor	Blagdon, Ryan (Completed) , Dalhousie University Student Degree Start Date: 2010/9 Thesis/Project Title: Structural and resting state brain imaging analyses Present Position: Resident in Diagnostic Imaging
2009/10 - 2014/9 Principal Supervisor	Cullis, Jeff (Completed) , Dalhousie University Student Degree Start Date: 2009/10

Community and Volunteer Activities

2015/8	Member, Society of Biological Psychiatry Member of the Society's Postdoctoral International Travel Award Committee
2013/11	Expert Reviewer, European Commission Human Brain Project Competitive Call
2013/8	Member - Behavioural Sciences - B Committee, Canadian Institutes of Health Research CIHR, Behavioural Sciences - B Committee
2012/11	Expert Reviewer, European Commission 7th framework program HEALTH-2013-INNOVATION-2.21-2: Development of effective imaging tools for diagnosis, monitoring and management of mental disorders
2012/11	Invitee Member, Canadian Institutes of Health Research CIHR, Behavioural Sciences - B Committee
2012/7	Clinical Councillor, Canadian College of Neuropsychopharmacology
2008/1 - 2010/1	Representative, Nova Scotia Psychiatric Association Nova Scotia Psychiatric Association with the Canadian Psychiatric Association's Science and Research Standing Committee

Knowledge and Technology Translation

2018/1	Full Member, Consultation Service Activity Description: CIHR College of Reviewers
2012/1	Expert Evaluator, Consultation Service Activity Description: Grant Review Committee Member, European Commission
2019/1 - 2021/1	Clinical Councillor, Consultation Service Activity Description: Canadian College of Neuropsychopharmacology

Presentations

- (2023). Obesity and Cortical Morphology in Bipolar Disorders - ENIGMA Study in 2832 Participants. 2023 Society of Biological Psychiatry, San Diego, United States of America
Invited?: Yes
- (2021). Managing Bipolar Disorders in Primary Care. 94th Annual Dalhousie Refresher, Halifax, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: Yes
- (2021). The Interrelation of Bipolar Disorder and Cardiometabolic Disease. 23rd Virtual Annual Conference of the International Society for Bipolar Disorders,
Invited?: Yes
- (2020). Neuroprotective effects of Li - food for thought. VI Congresso Clínica Psiquiátrica 2020, Sao Paolo, Brazil
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes, Competitive?: Yes
- (2020). Obesity and Lower Grey Matter Volumes in First Episode of Psychosis –Overlap with Neurostructural Alterations in Bipolar Disorders?. 2020 International Society for Bipolar Disorders, Chicago, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No, Competitive?: Yes
- (2020). Diabetes Mellitus and Brain Health in Bipolar Disorder. Sexta Reunión de Educación Médica Continua, Santiago de Chile, Chile
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes, Competitive?: Yes
- (2019). Using structural MRI to identify bipolar disorders - 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. 21st Annual Conference of the International Society for Bipolar Disorders, Sydney, Australia, Australia
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
- (2019). Brain age in bipolar disorders - Effects of lithium treatment. 74th Annual Scientific Convention, Society of Biological Psychiatry, Chicago, USA, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
- (2019). Diabetes mellitus and brain health in bipolar disorders - sugarcoating brain damage?. Grand Rounds, Deakin University Barwon Health, University Hospital Geelong, Australia, Australia
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes

10. (2019). Using structural MRI to identify Bipolar Disorders (BD): 13-site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorder Working Group. World Federation of Societies of Biological Psychiatry, Vancouver, Canada, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
11. (2019). Neuroprotective effects of Li, food for thought. Dutch Society for Bipolar Disorder, Amsterdam, Netherlands, Netherlands
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
12. (2019). Brain age in early stage of Bipolar Disorders (BD). World Congress of Biological Psychiatry, Vancouver, Canada, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
13. (2019). Brain age in bipolar disorders - Effects of lithium treatment. 10th Conference of the International Society of Affective Disorders, London, UK, United Kingdom
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
14. (2018). Neuroprotective Effects of Lithium, Food for Thought. Meeting of the Chilean Society for Bipolar Disorders (SOCHITAB), Chile
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
15. (2018). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. 23rd World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions, Czechia
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
16. Hajek T. (2017). Greater surface area and volume of the right inferior frontal gyrus as markers of genetic risk for bipolar disorders. 17th International Congress of ESCAP, Geneva, Switzerland
Main Audience: Researcher
Invited?: Yes, Keynote?: No
17. Hajek T. (2017). Structural properties and connectivity of the right inferior frontal gyrus in individuals at genetic risk for bipolar disorders. 72nd Annual Meeting of Society of Biological Psychiatry, San Diego, United States of America
Main Audience: Researcher
Invited?: No, Keynote?: No
18. Hajek T. (2017). Brain signatures of neuroprogression in people with bipolar disorders and diabetes/prediabetes. 19th Annual Conference of the International Society for Bipolar Disorders, Washington, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No
19. (2016). Effects of lithium, illness burden and insulin resistance on the brains of patients with bipolar disorders. 18th Conference of the International Society for Bipolar Disorders, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No
20. Hajek T. (2016). Neuroprotective effects of Li? Food for thought. Centre for Affective Disorders guest lecture. Institute of Psychiatry, Psychology and Neuroscience, King's College, London, United Kingdom
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No

21. Hajek T. (2016). Relevance of Brain Plasticity to Neuroprogression and Staging of Bipolar Disorders - Opposing Effects of Illness Burden and Lithium Treatment. 24th European Congress of Psychiatry, Madrid, Spain
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
22. (2015). Using structural MRI to identify subjects at genetic risk for bipolar disorders - a two cohort, machine learning study. 17th Annual Conference of the International Society for Bipolar Disorders, Toronto, Canada
Main Audience: Knowledge User
23. (2015). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. Symposium: Adolescent Health: Investing in the Future, Paris, France
Main Audience: Knowledge User
24. (2015). Diabetes mellitus and brain health in bipolar disorders - Sugarcoating brain damage. 23rd European Congress of Psychiatry, Vienna, Austria
Main Audience: Knowledge User
25. (2015). Insulin resistance or type 2 diabetes mellitus: Modifiable risk factors for brain alterations in bipolar disorders. 168th Annual Meeting of the American Psychiatric Association, Toronto, Canada
Main Audience: Knowledge User
26. (2014). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. Seminar, McLean Imaging Centre, Harvard Medical School, Belmont, MA, United States of America
Main Audience: Knowledge User
Invited?: Yes
27. (2014). Neuroprotective effects of Li? Food for thought. Seminar, Icahn Medical Institute, Mount Sinai, New York, NY, United States of America
Main Audience: Knowledge User
Invited?: Yes
28. (2014). Can Structural MRI Identify Subjects at Genetic Risk for Bipolar Disorders? A Machine Learning Study. American College of Neuropsychopharmacology, 53rd Meeting, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No
29. (2014). Neuroprotective effect of lithium. Food for thought. 28th IGSLi Conference (International Group for the Study of Lithium treated patients), Poznan, Poland
Main Audience: Knowledge User
30. (2014). Can structural MRI identify subjects at genetic risk for bipolar disorders? A Machine Learning Study. American Academy of Child & Adolescent Psychiatry, San Diego, United States of America
Main Audience: Knowledge User
31. (2013). Tracking the risk and progression of bipolar disorders using neuroimaging. Cambridge & Luton International Conference on Mental Health 2013, Clare College, Cambridge, Cambridge, United Kingdom
Main Audience: Knowledge User
Invited?: Yes
32. (2013). Neuroprotective effects of Li? Food for thought. Seminar, Center for Imaging of Neurodegenerative Diseases, San Francisco Veterans Affairs Medical Center, UCSF School of Medicine, San Francisco, United States of America
Main Audience: Knowledge User
33. (2013). Neuroanatomical Changes in Bipolar Disorders -- Causes Versus Consequences of the Illness. American College of Neuropsychopharmacology, 52nd meeting, Hollywood, Florida, United States of America
Main Audience: Knowledge User
Invited?: Yes

34. (2013). Progression of structural brain changes in the course of bipolar disorders - toxic versus compensatory processes. 11th World Congress of Biological Psychiatry, Kyoto, Japan
Main Audience: Knowledge User
35. (2013). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. Psychosis Studies Meeting, Institute of Psychiatry, London, United Kingdom
Main Audience: Knowledge User
Invited?: Yes
36. (2013). Right inferior frontal gyrus volume and future conversion to psychiatric disorders: prospective study of subjects at genetic risk for bipolar disorders. American Academy of Child and Adolescent Psychiatry's 60th Annual Meeting, Orlando, United States of America
Main Audience: Knowledge User
Invited?: Yes
37. (2012). Lithium is a gold standard in bipolar illness. Is it indicated for other conditions?. 28th Congress of the Collegium Internationale Neuropsychopharmacologicum, Stockholm, Sweden
Main Audience: Knowledge User
Invited?: Yes
38. (2012). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. Clinical Rounds, Department of Psychiatry, Masaryk University, Faculty of Medicine, Brno, Czechia
Main Audience: Knowledge User
39. (2012). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. Clinical Rounds, Department of Psychiatry, Charles University, Faculty of Medicine, Hradec Kralove, Czechia
Main Audience: Knowledge User
40. (2012). My parent has bipolar disorder; am I at risk?. Nova Scotia Bipolar Peer Support Alliance meeting, Halifax, Canada
Main Audience: General Public
41. (2012). Lithium: neuroimaging evidence of neuroprotection and its implication for bipolar disorder. 20th European Congress of Psychiatry, Prague, Czechia
Main Audience: Knowledge User
42. (2011). Increased right inferior frontal gyrus gray matter volume as a biomarker for bipolar disorders - replication design, high-risk neuroimaging study. 34th Annual CCNP Meeting, Montreal, Canada
Main Audience: Knowledge User
43. (2011). Differential diagnosis of brain structural changes in bipolar disorders - risk versus burden. Clinical Rounds, Department of Psychiatry, Dalhousie University, Halifax, Canada
Main Audience: Knowledge User
44. (2011). Searching for neuroimaging markers of vulnerability to bipolar disorders. Grand Rounds, Department of Psychiatry, University of Calgary, Calgary, Canada
Main Audience: Knowledge User
45. (2011). Structural plasticity of the right inferior frontal gyrus in the course of bipolar disorders - interplay between compensatory changes, illness burden and lithium treatment. 50th Annual Meeting of the American College of Neuropsychopharmacology, Waikoloa, United States of America
Main Audience: Knowledge User
46. (2010). My parent has bipolar disorder; am I at risk? Brain imaging and clinical studies of bipolar offspring. The Schizophrenia Society of Nova Scotia's Twenty-Second Annual Conference, Halifax, Canada
Main Audience: Knowledge User
47. (2009). Amygdala and hippocampal volumes in relatives of bipolar patients: high-risk study. Canadian Psychiatric Association, St. John's, Canada
Main Audience: Knowledge User

48. (2009). Biological risk factors for bipolar disorder. Open Minds Across Canada 2009 - Mental Health Symposium hosted by The Canadian Psychiatric Research Foundation, Halifax, Canada
Main Audience: Knowledge User
49. (2008). Searching for Biological Markers of Vulnerability to Bipolar Disorders. Forschungskolloquium, Department of Psychiatry and Psychotherapy, University Hospital Carl Gustav Carus Technische Universität, Dresden, Germany
Main Audience: Knowledge User
50. (2008). Biological Risk Factors for Bipolar Disorders. Seminar of the Prague Psychiatric Center, Prague, Czechia
Main Audience: Knowledge User

Publications

Journal Articles

1. Schijven D, Postema MC, Fukunaga M, Matsumoto J, Miura K, de Zwarte SMC, van Haren NEM, Cahn W, Hulshoff Pol HE, Kahn RS, Ayasa-Arriola R, Ortiz-García de la Foz V, Tordesillas-Gutierrez D, Vázquez-Bourgon J, Crespo-Facorro B, Alnæs D, Dahl A, Westlye LT, Agartz I, Andreassen OA, Jönsson EG, Kochunov P, Bruggemann JM, Catts SV, Michie PT, Mowry BJ, Quidé Y, Rasser PE, Schall U, Scott RJ, Carr VJ, Green MJ, Henskens FA, Loughland CM, Pantelis C, Weickert CS, Weickert TW, de Haan L, Brosch K, Pfarr JK, Ringwald KG, Stein F, Jansen A, Kircher TTJ, Nenadić I, Krämer B, Gruber O, Satterthwaite TD, Bustillo J, Mathalon DH, Preda A, Calhoun VD, Ford JM, Potkin SG, Chen J, Tan Y, Wang Z, Xiang H, Fan F, Bernardoni F, Ehrlich S, Fuentes-Claramonte P, Garcia-Leon MA, Guerrero-Pedraza A, Salvador R, Sarró S, Pomarol-Clotet E, Ciullo V, Piras F, Vecchio D, Banaj N, Spalletta G, Michielse S, van Amelsvoort T, Dickie EW, Voineskos AN, Sim K, Ciufolini S, Dazzan P, Murray RM, Kim WS,... Francks C. (2023). Large-scale analysis of structural brain asymmetries in schizophrenia via the ENIGMA consortium. *Proceedings of the National Academy of Sciences of the United States of America*. 120(14)
<http://dx.doi.org/10.1073/pnas.2213880120>
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2. Lavin P, Rej S, Olagunju AT, Teixeira AL, Dols A, Alda M, Almeida OP, Altinbas K, Balanzá-Martínez V, Barbosa IG, Blumberg HP, Briggs F, Calkin C, Cassidy K, Forester BP, Forlenza OV, Hajek T, Haarman BCM, Jimenez E, Lafer B, Mulsant B, Oluwaniyi SO, Patrick R, Radua J, Schouws S, Sekhon H, Simhandl C, Soares JC, Tsai SY, Vieta E, Villa LM, Sajatovic M, Eyler LT. (2023). Essential Data Dimensions for prospective international data collection in Older Age Bipolar Disorder (OABD): Recommendations from the GAGE-BD group. *Bipolar Disorders*. NA: NA.
In Press,
3. McWhinney SR, Abé C, Alda M, Benedetti F, Bøen E, Del Mar Bonnin C, Borgers T, Brosch K, Canales-Rodríguez EJ, Cannon DM, Dannlowski U, Diaz-Zuluaga AM, Dietze LMF, Elvsåshagen T, Eyler LT, Fullerton JM, Goikolea JM, Goltermann J, Grotegerd D, Haarman BCM, Hahn T, Howells FM, Ingvar M, Jahanshad N, Kircher TTJ, Krug A, Kuplicki RT, Landén M, Lemke H, Liberg B, Lopez-Jaramillo C, Malt UF, Martyn FM, Mazza E, McDonald C, McPhilemy G, Meier S, Meinert S, Meller T, Melloni EMT, Mitchell PB, Nabulsi L, Nenadić I, Opel N, Ophoff RA, Overs BJ, Pfarr JK, Pineda-Zapata JA, Pomarol-Clotet E, Radua J, Reppe J, Richter M, Ringwald KG, Roberts G, Ross A, Salvador R, Savitz J, Schmitt S, Schofield PR, Sim K, Stein DJ, Stein F, Temmingh HS, Thiel K, Thomopoulos SI, van Haren NEM, Vargas C, Vieta E, Vreeker A, Waltemate L, Yatham LN, Ching CRK, Andreassen OA, Thompson PM, Hajek T. (2023). Mega-analysis of association between obesity and cortical morphology in bipolar disorders: ENIGMA study in 2832 participants. *Psychological Medicine*. In press: NA.
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4. Dietze LMF, McWhinney SR, Radua J, Hajek T. (2023). Extended and replicated white matter changes in obesity: Voxel-based and region of interest meta-analyses of diffusion tensor imaging studies. *Frontiers in Nutrition*.
<http://dx.doi.org/10.3389/fnut.2023.1108360>
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5. Toba-Oluboka T, Vochosková K, Hajek T. (2023). Are the antidepressant effects of insulin-sensitizing medications related to improvements in metabolic markers?. *Translational Psychiatry*. NA: NA.
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6. McWhinney SR, Abé C, Alda M, Benedetti F, Bøen E, Del Mar Bonnin C, Borgers T, Brosch K, Canales-Rodríguez EJ, Cannon DM, Dannlowski U, Diaz-Zuluaga AM, Dietze LMF, Elvsåshagen T, Eyler LT, Fullerton JM, Goikolea JM, Goltermann J, Grotegerd D, Haarman BCM, Hahn T, Howells FM, Ingvar M, Jahanshad N, Kircher TTJ, Krug A, Kuplicki RT, Landén M, Lemke H, Liberg B, Lopez-Jaramillo C, Malt UF, Martyn FM, Mazza E, McDonald C, McPhilemy G, Meier S, Meinert S, Meller T, Melloni EMT, Mitchell PB, Nabulsi L, Nenadic I, Opel N, Ophoff RA, Overs BJ, Pfarr JK, Pineda-Zapata JA, Pomarol-Clotet E, Radua J, Repple J, Richter M, Ringwald KG, Roberts G, Ross A, Salvador R, Savitz J, Schmitt S, Schofield PR, Sim K, Stein DJ, Stein F, Temmingh HS, Thiel K, Thomopoulos SI, van Haren NEM, Vargas C, Vieta E, Vreeker A, Waltemate L, Yatham LN, Ching CRK, Andreassen OA, Thompson PM, Hajek T. (2023). Mega-analysis of association between obesity and cortical morphology in bipolar disorders: ENIGMA study in 2832 participants. *Psychological Medicine*.
<http://dx.doi.org/10.1017/S0033291723000223>
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7. Reininghaus EZ, Manchia M, Dalkner N, Bonkat N, Squassina A, Hodl I, Vieta E, Reif A, Hajek T, Landén M, Correll CU, Scott J, Etain B, Rietschel M, Bergink V, Martinez-Cengotitabengoa M, Kessing LV, Fagioli A, Bauer M, Goodwin G, Gonzalez-Pinto A, Kupka RW, Schulze TG, Lagerberg TV, Yildiz A, Henry C, Morken G, Ritter P, Nieslen RE, Licht RW, Bechdolf A, Andreassen OA, Fendler FT. (2022). Outcomes associated with different vaccines in individuals with bipolar disorder and impact on the current COVID-19 pandemic- a systematic review. *European Neuropsychopharmacology*. 54: 90-99.
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8. McWhinney, S. R., Brosch, K., Calhoun, V. D., Crespo-Facorro, B., Crossley, N. A., Dannlowski, U., Dickie, E., Dietze, L., Donohoe, G., Du Plessis, S., Ehrlich, S., Emsley, R., Furstova, P., Glahn, D. C., Gonzalez-Valderrama, A., Grotegerd, D., Holleran, L., Kircher, T., Knytl, P., Kolenic, M., ... Hajek, T. (2022). Obesity and brain structure in schizophrenia - ENIGMA study in 3021 individuals. *Molecular Psychiatry*. N/A-Online: N/A.
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9. Forlenza, O. V., Hajek, T., Almeida, O. P., Beunders, A., Blumberg, H. P., Briggs, F., De-Paula, V., Dols, A., Eyler, L. T., Forester, B. P., Gildengers, A., Jimenez, E., Korten, N., Lafer, B., McWhinney, S. R., Mulsant, B., Rej, S., Sarna, K., Schouws, S., Sutherland, A., ... GAGE-BD initiative. (2022). Demographic and clinical characteristics of lithium-treated older adults with bipolar disorder. *Acta Psychiatrica Scandinavica*. 146(5): 442-455.
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10. Forlenza, O. V., Hajek, T., Almeida, O. P., Beunders, A., Blumberg, H. P., Briggs, F., De-Paula, V., Dols, A., Eyler, L. T., Forester, B. P., Gildengers, A., Jimenez, E., Korten, N., Lafer, B., McWhinney, S. R., Mulsant, B., Rej, S., Sarna, K., Schouws, S., Sutherland, A., ... GAGE-BD initiative. (2022). Demographic and clinical characteristics of lithium-treated older adults with bipolar disorder. *Acta Psychiatrica Scandinavica*. N/A: N/A.
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11. Anmella G, Faurholt-Jepsen M, Hidalgo-Mazzei D, Radua J, Passos IC, Kapczinski F, Minuzzi L, Alda M, Meier S, Hajek T, Ballester P, Birmaher B, Hafeman D, Goldstein T, Brietzke E, Duffy A, Haarman B, López-Jaramillo C, Yatham LN, Lam RW, Isometsa E, Mansur R, McIntyre RS, Mwangi B, Vieta E, Kessing LV. (2022). Smartphone-based interventions in bipolar disorder: Systematic review and meta-analyses of efficacy. A position paper from the International Society for Bipolar Disorders (ISBD) Big Data Task Force. *Bipolar Disorders*. 24(6): 580-614.
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- [12.](#) Hansen JY, Shafiei G, Vogel JW, Smart K, Bearden CE, Hoogman M, Franke B, van Rooij D, Buitelaar J, McDonald CR, Sisodiya SM, Schmaal L, Veltman DJ, van den Heuvel OA, Stein DJ, van Erp TGM, Ching CRK, Andreassen OA, Hajek T, Opel N, Modinos G, Aleman A, van der Werf Y, Jahanshad N, Thomopoulos SI, Thompson PM, Carson RE, Dagher A, Misic B. (2022). Local molecular and global connectomic contributions to cross-disorder cortical abnormalities. *Nature Communications*. 13(1): 4682.
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13. de Zwarte, S.M.C., Brouwer, R.M., Agartz, I., Alda, M., Alonso-Lana, S., Bearden, C.E., Bertolino, A., Bonvino, A., Bramon, E., Buimer, E.E.L., Cahn, W., Canales-Rodríguez, E.J., Cannon, D.M., Cannon, T.D., Caseras, X., Castro-Fornieles, J., Chen, Q., Chung, Y., De la Serna, E., del Mar Bonnin, C., Demro, C., Di Giorgio, A., Doucet, G.E., Eker, M.C., Erk, S., Fatjó-Vilas, M., Fears, S.C., Foley, S.F., Frangou, S., Fullerton, J.M., Glahn, D.C., Goghari, V.M., Goikolea, J.M., Goldman, A.L., Gonul, A.S., Gruber, O., Hajek, T., Hawkins, E.L., Heinz, A., Hidiröglu Ongun, C., Hillegers, M.H.J., Houenou, J., Hulshoff Pol, H.E., Hultman, C.M., Ingvar, M., Johansson, V., Jönsson, E.G., Kane, F., Kempton, M.J., Koenis, M.M.G., Kopecek, M., Krämer, B., Lawrie, S.M., Lenroot, R.K., Marcelis, M., Mattay, V.S., McDonald, C., Meyer-Lindenberg, A., Michielse, S., Mitchell, P.B., Moreno, D., Murray, R.M., Mwangi, B., Nabulsi, L., Newport, J., Olman, C.A., van Os, J., Overs, B.J., Ozerdem, A., Pergola, . (2022). Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. *Human Brain Mapping*. N/A: N/A.
Co-Author
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Refereed?: Yes
14. Kovacs Z, Vestergaard P, W Licht R, P V Straszek S, Hansen AS, H Young A, Duffy A, Müller-Oerlinghausen B, Seemueller F, Sani G, Rubakowski J, Priller J, Vedel Kessing L, Tondo L, Alda M, Manchia M, Grof P, Ritter P, Hajek T, Lewitzka U, Bergink V, Bauer M, Nielsen RE. (2022). Lithium induced hypercalcemia: an expert opinion and management algorithm. *Int J Bipolar Disord*. 10(1): NA.
In Press,
15. Abé C, Ching CRK, Liberg B, Lebedev AV, Agartz I, Akudjedu TN, Alda M, Alnæs D, Alonso-Lana S, Benedetti F, Berk M, Bøen E, Bonnin CDM, Breuer F, Brosch K, Brouwer RM, Canales-Rodríguez EJ, Cannon DM, Chye Y, Dahl A, Dandash O, Dannlowski U, Dohm K, Elvsåshagen T, Fisch L, Fullerton JM, Goikolea JM, Grotegerd D, Haatveit B, Hahn T, Hajek T, Heindel W, Ingvar M, Sim K, Kircher TTJ, Lenroot RK, Malt UF, McDonald C, McWhinney SR, Melle I, Meller T, Mellon EMT, Mitchell PB, Nabulsi L, Nenadić I, Opel N, Overs BJ, Panicali F, Pfarr JK, Poletti S, Pomarol-Clotet E, Radua J, Reppele J, Ringwald KG, Roberts G, Rodriguez-Cano E, Salvador R, Sarink K, Sarró S, Schmitt S, Stein F, Suo C, Thomopoulos SI, Tronchin G, Vieta E, Westlye LT, White AG, Yatham LN, Zak N, Thompson PM, Andreassen OA, Landén M; ENIGMA Bipolar Disorder Working Group. (2022). Longitudinal structural brain changes in bipolar disorder: a multicenter neuroimaging study of 1232 individuals by the ENIGMA Bipolar Disorder Working Group. *Biological Psychiatry*. 91(6): 582-592. ,
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16. Han LKM, Dinga R, Hahn T, Ching CRK, Eyler LT, Aftanas L, Aghajani M, Aleman A, Baune BT, Berger K, Brak I, Filho GB, Carballedo A, Connolly CG, Couvy-Duchesne B, Cullen KR, Dannlowski U, Davey CG, Dima D, Duran FLS, Enneking V, Filimonova E, Frenzel S, Frodl T, Fu CHY, Godlewska BR, Gotlib IH, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Hall GB, Harrison BJ, Hatton SN, Hermesdorf M, Hickie IB, Ho TC, Hosten N, Jansen A, Kähler C, Kircher T, Klimes-Dougan B, Krämer B, Krug A, Lagopoulos J, Leenings R, MacMaster FP, MacQueen G, McIntosh A, McLellan Q, McMahon KL, Medland SE, Mueller BA, Mwangi B, Osipov E, Portella MJ, Pozzi E, Reneman L, Reppe J, Rosa PGP, Sacchet MD, Sämann PG, Schnell K, Schranke A, Simulionyte E, Soares JC, Sommer J,Hajek T... Cole JH, Schmaal L. (2021). Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. *Molecular Psychiatry*. NA: NA.
Co-Author
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17. Kupka R, Duffy A, Scott J, Almeida J, Balanzá-Martínez V, Birmaher B, Bond DJ, Brietzke E, Chendo I, Frey BN, Grande I, Hafeman D, Hajek T, Hillegers M, Kauer-Sant'Anna M, Mansur RB, van der Markt A, Post R, Tohen M, Tremain H, Vazquez G, Vieta E, Yatham LN, Berk M, Alda M, Kapczinski F. (2021). Consensus on nomenclature for clinical staging models in bipolar disorder: A narrative review from the International Society for Bipolar Disorders (ISBD) Staging Task Force. *Bipolar Disorders*. 23: 659-678.
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18. McWhinney S, Kolenic M, Franke K, Fialova M, Knytl P, Matejka M, Spaniel F, Hajek T. (2021). Obesity as a risk factor for accelerated brain ageing in first episode psychosis – longitudinal study. *Schizophrenia Bulletin*. 47: 1772-1781.
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19. Haukvik, U.K., Gurholt, T.P., Nerland, S., Elvsåshagen, T., Akudjedu, T.N., Alda, M., Alnæs, D., Alonso-Lana, S., Bauer, J., Baune, B.T., Benedetti, F., Berk, M., Bettella, F., Bøen, E., Bonnín, C.M., Brambilla, P., Canales-Rodríguez, E.J., Cannon, D.M., Caseras, X., Dandash, O., Dannlowski, U., Delvecchio, G., Díaz-Zuluaga, A.M., van Erp, T.G.M., Fatjó-Vilas, M., Foley, S.F., Förster, K., Fullerton, J.M., Goikolea, J.M., Grotegerd, D., Gruber, O., Haarman, B.C.M., Haatveit, B., Hajek, T., Hallahan, B., Harris, M., Hawkins, E.L., Howells, F.M., Hülsmann, C., Jahanshad, N., Jørgensen, K.N., Kircher, T., Krämer, B., Krug, A., Kuplicki, R., Lagerberg, T.V., Lancaster, T.M., Lenroot, R.K., Lonning, V., López-Jaramillo, C., Malt, U.F., McDonald, C., McIntosh, A.M., McPhilemy, G., van der Meer, D., Melle, I., Mellon, E.M.T., Mitchell, P.B., Nabulsi, L., Nenadić, I., Oertel, V., Oldani, L., Opel, N., Otaduy, M.C.G., Overs, B.J., Pineda-Zapata, J.A., Pomarol-Clotet, E., Radua, J., Rauer, L.. (2021). In vivo hippocampal subfield volumes in bipolar disorder —A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. *Human Brain Mapping*. N/A: N/A.
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20. Nunes, A., Stone, W., Arda, R., Berghöfer, A., Bocchetta, A., Chillotti, C., Deiana, V., Degenhardt, F., Forstner, A.J., Garnham, J.S., Grof, E., Hajek, T., Manchia, M., Mattheisen, M., McMahon, F., Müller-Oerlinghausen, B., Nöthen, M.M., Pinna, M., Pisanu, C., O'Donovan, C., Rietschel, M.D.C., Rouleau, G., Schulze, T., Severino, G., Slaney, C.M., Squassina, A., Suwalska, A., Turecki, G., Uher, R., Zvolsky, P., Cervantes, P., del Zompo, M., Grof, P., Rybakowski, J., Tondo, L., Trappenberg, T., Alda, M. (2021). Exemplar scoring identifies genetically separable phenotypes of lithium responsive bipolar disorder. *Translational Psychiatry*. 11(1): 36 - 36.
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22. Ching, C.R.K., Hibar, D.P., Gurholt, T.P., Nunes, A., Thomopoulos, S.I., Abé, C., Agartz, I., Brouwer, R.M., Cannon, D.M., de Zwarte, S.M.C., Eyler, L.T., Favre, P., Hajek, T., Haukvik, U.K., Houenou, J., Landén, M., Lett, T.A., McDonald, C., Nabulsi, L., Patel, Y., Pauling, M.E., Paus, T., Radua, J., Soeiro-de-Souza, M.G., Tronchin, G., van Haren, N.E.M., Vieta, E., Walter, H., Zeng, L.-L., Alda, M., Almeida, J., Alnæs, D., Alonso-Lana, S., Altimus, C., Bauer, M., Baune, B.T., Bearden, C.E., Bellani, M., Benedetti, F., Berk, M., Bilderbeck, A.C., Blumberg, H.P., Bøen, E., Bollettini, I., del Mar Bonnin, C., Brambilla, P., Canales-Rodríguez, E.J., Caseras, X., Dandash, O., Dannlowski, U., Delvecchio, G., Díaz-Zuluaga, A.M., Dima, D., Duchesnay, É., Elvsåshagen, T., Fears, S.C., Frangou, S., Fullerton, J.M., Glahn, D.C., Goikolea, J.M., Green, M.J., Grotegerd, D., Gruber, O., Haarman, B.C.M., Henry, C., Howells, F.M., Ives-Deliperi, V., Jansen, A., Kircher, T.T.J., Knöchel, C., Kramer, . (2021). What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. *Human Brain Mapping*. N/A: N/A.
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1. Kolenič, M., Španiel, F., Hlinka, J., Mařejka, M., Knytl, P., Šebela, A., Renka, J., Hajek, T. Higher Body-Mass Index and Lower Gray Matter Volumes in First Episode of Psychosis. 22nd International Society for Bipolar Disorders, Chicago, United States of America,
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2. Bakstein, E., Mladá, K., Fárková, E., Kolenič, M., Španiel, F., Manková, D., Kořáková, J., Winkler, P., Hajek, T. Cross-sectional and within- subject seasonality and regularity of hospitalizations: a population study in mood. 22nd International Society for Bipolar Disorders, Chicago, United States of America,
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3. Van Gestel H, Franke K, Petite J, Slaney C, Garnham J, Uher R, Alda M, Hajek T. Brain age in Bipolar Disorders (BD): Effects of lithium treatment. World Congress of Biological Psychiatry, Vancouver, Canada, Vancouver, Canada,
Conference Date: 2019/6
Abstract, Invited?: Yes

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