

Curriculum Vitae

ISABELLE E. BAUER

ASSISTANT PROFESSOR

The University of Texas Medical School at Houston
Department of Psychiatry and Behavioral Science, 77054 Houston (USA)
Isabelle.E.Bauer@uth.tmc.edu

Swiss citizen

Permanent U.S. resident - Authorized to work in the U.S. without sponsorship
Permanent Australian resident - Authorized to work in Australia without sponsorship

COMPLETED EDUCATION

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|---|-------------|
| Postdoctoral Fellowship in Neuroimaging and Cognition in Psychiatry | 2016 |
| Department of Psychiatry and Behavioral Science
The University of Texas Medical School at Houston (USA) | |
| PhD in Neuroscience | 2012 |
| Swinburne University of Technology, Melbourne, Australia
Dissertation: The effects of omega-3 polyunsaturated fatty acid supplementation on neurocognitive functioning in healthy young adults | |
| Master (D.E.S.S.) in Clinical Psychology | 2006 |
| University of Geneva, Switzerland
Thesis title: Psychometric validation of a questionnaire evaluating the quality of life of adults with traumatic brain injury (QOLIBRI) | |
| Degree in Psychology | 2003 |
| University of Geneva, Switzerland
Thesis title: Psychometric validation of a questionnaire evaluating the quality of life of patients with Alzheimer's dementia | |

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS

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| University of Texas (UT) - Department of Psychiatry and Behavioural Sciences
UT Centre of Excellence on Mood Disorders, Houston TX, USA
Title: Assistant Professor | 2018-Present |
| University of Texas (UT) - Department of Psychiatry and Behavioural Sciences
UT Centre of Excellence on Mood Disorders, Houston TX, USA
Title: Instructor | 2016-2018 |
| University of Texas (UT) - Department of Psychiatry and Behavioural Sciences
UT Centre of Excellence on Mood Disorders, Houston TX, USA
Title: Postdoctoral Research Fellow | 2013-2016 |
| Swinburne University of Technology, Melbourne, Australia
Title: Clinical Research Assistant
Project: Acute effects of multi-vitamin, caffeine and glucose on functional brain activity and cognition | 2011 - 2013 |

Monash University, Melbourne, Australia
 Title: **Clinical Research Assistant**

2007 - 2010

CLINICAL QUALIFICATIONS, TRAINING, AND APPOINTMENTS

Cognitive Behavioral Therapy (CBT) and Trial-Based CBT training

2018-Present

Licensed Psychological Associate - Texas Board of Examiners of Psychologists

2017-Present

Calvary Community Center, Melbourne, Australia
 Support services for elderly and individuals with disabilities
 Title: **Social support officer**

2010-2013

La Trobe University Psychology Clinic, Learning Disorders, Melbourne, Australia
 ARBIAS (Drug & Alcohol service), Melbourne, Australia
 Title: **Provisional Psychologist**

2007 - 2008

Basel University Hospital-Memory Clinic, Basel, Switzerland
 Title: **Psychologist**

2004 - 2006

Voluntary placements in neuropsychology

2003 - 2004

Child Neuropsychology clinic – University of Liege, Belgium
 Geriatric Psychiatry Unit – Brig Hospital, Switzerland
 Neurorehabilitation Unit – Bennewitz Hospital, Leipzig, Germany

TEACHING APPOINTMENTS

McGovern Medical School, University of Texas, USA
 Title: **Instructor in Ethics for medical students**

2018-Present

McGovern Medical School, University of Texas, USA
 Title: **Problem Based Facilitator**

2017-Present

Department of Psychiatry and Behavioural Science, University of Texas, USA
 Title: **Instructor in “Research methods in neuropsychiatry” for UT Psychiatry residents**

2014

Department of Psychology, Monash University, Melbourne, Australia
 Title: **Undergraduate Teaching Assistant in “Abnormal Psychology”**

2010

PROFESSIONAL ORGANIZATIONS

- American Society of Clinical Psychopharmacology (ASCP)-Member
- International Society for CNS clinical trials and methodology (ISCTM)-Member
- American Psychological Association (APA)–Member
- Society for Research in Psychopathology (SRP)-Member

GRANTS AND AWARDS

Travel grant National Network of Depression Centers (NNDC)	2018
Research Scholarship American College of Neuropsychopharmacology (ACNP)	2018
UT Health Seed Grant <i>Stem cells and cognitive functioning</i> University of Texas at Houston	2017
Young Investigator Award American College of Neuropsychopharmacology (ACNP)	2017
Young Investigator Award Society of Biological Psychiatry (SOBP)	2017
Travel Grant University of Texas at Houston	2016
Fellowship to attend ASCP Workshop on Clinical Trials American Society for Clinical Psychopharmacology (ASCP)	2016
New Investigator Award American Society for Clinical Psychopharmacology (ASCP)	2015
New Investigator Award International Society for CNS Clinical trials and Methodology (ISCTM)	2015
Young Investigator Travel Award Annual Pharmacogenetics in Psychiatry Meeting	2014
New Investigator Award Conference of the International Society for the Study of Fatty Acids and Lipids (ISSFAL)	2012
Travel grant International Conference on the Science of Nutrition in Medicine	2012
Swinburne University Postgraduate Research Grant Full PhD scholarship and living expenses	2008

EDITORIAL POSITIONS

Editorial Board

Journal of Medical Psychology

Frontiers in Psychiatry

Ad Hoc Reviewer

Annals of Nutritional Disorders & Therapy	JAMA Psychiatry
Biological Psychiatry	Journal of Affective Disorders
Bipolar Disorders	Journal of Psychiatric Practice
Behavioral Neurology	PLoS One
European Archives of Psychiatry and Clinical Neuroscience	Psychiatry Research: Neuroimaging
Human Psychopharmacology: Clinical and Experimental	Psychiatry Research
Acta Psychiatrica Scandinavica	Schizophrenia research

ACADEMIC SERVICE

Grant reviewer for Research Foundation - Flanders
(Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO)

2017

Diversity Committee
The University of Texas Medical School at Houston, USA

2016 -Present

Member of UTHealth Postdoctoral Affair committee
The University of Texas Medical School at Houston, USA

2013-2014

SERVICE TO THE COMMUNITY

Member of ASCP Program Committee

2016- Present

Peer Reviewer for UTHealth Postdoctoral Travel Awards
The University of Texas Medical School at Houston, USA

2013

Social Support Officer at Calvary Silver Circle Community Care
Melbourne, Australia

2009 - 2013

MENTORING ACTIVITIES

Post-doctoral fellows advised

Fadwa Cazala-Postdoctoral Research Fellow

Currently Postdoctoral Fellow at the University of New Mexico (USA)

2016- 2018

Visiting Scholar hosted

Gokay Alpak, M.D.

Currently Attending Psychiatrist at Georgia State Hospital (USA)

2017

Supervision of undergraduate psychology students and research assistants

Paola Zegarra – professional research trainee in Psychology	2018 –current
Pelin Cunningham-Erdogdu, – professional research trainee in Psychology	2018 –current
Nicholas Crist, research assistant	2016- Present
Andrew Perkins, research assistant	2017- Present
Nikki La Rosa, research assistant Currently PhD candidate in Psychology at Texas Tech University(Lubbock, Texas, USA)	2015-2017
Ethan Lau-Research – undergraduate student in Psychology	2017-2018
Emily Wu-Medical student on research rotation. Currently Attending Psychiatrist at Texas Medical School (Houston, USA)	2013
Stephanie Asonye-Research trainee Currently medical student at Brown University (Providence, USA)	2013
<i>Doctoral Students advised</i>	
Taiane Cardoso Currently Postdoctoral Fellow at Universidade Católica de Pelotas (Brazil)	2015
Laura Sellick PhD Student at Swinburne University of Technology (Melbourne, Australia)	2013- 2016

PUBLICATIONS

A. ABSTRACTS & INVITED TALKS

Bauer, I.E. Altered Neural Activation to Happy Faces in Bipolar Disorder (2018). 1st Annual Gulf Coast Consortia Mental Health Research Symposium, Houston (USA) -**Talk**

Bauer, I.E. Cognitive and neural correlates of impulsivity in bipolar disorder and dual disorders (2018). University of Texas Medical Branch, Department of Psychiatry, Galveston (USA) - **Talk**

Bauer, I.E., Green, G., Colpo, G.D., Durkin, K., Selvaraj, S., Teixeira, A.L., Zunta-Soares, G., Soares, J.C. A double-blind randomized placebo-controlled study of aspirin and n-acetyl cysteine as adjunctive treatments for bipolar disorder: preliminary findings. (2017). American Society for Clinical Neuropsychopharmacology, Palm Springs (USA).-Poster

Bauer, I.E., Crist, N., LaRosa N., Meyer, T.D., Soares, J.C. What do individuals with bipolar disorder want from a “healthy lifestyle program”: a qualitative focus group study.(2017). Texas Psychological Association’s Annual Convention, Houston (USA).-Poster

Bauer, I.E. Facial emotion processing in youth at high-risk for bipolar disorder: an fMRI study. (2017). American Academy of Child and Adolescent Psychiatry. Washington D.C. (USA). -**Talk**

Arvind, R.P., Verrico, C.D., Kahlon, R., **Bauer, I.E.,** Durkin, K., Soares, J.C., Saxena, K. Cambridge Neuropsychological Test Automated Battery (Cantab) Reveals Mood State and Its Effect on Cognitive Impairment in Decision Making in Bipolar Youth. (2017). American Academy of Child and Adolescent Psychiatry. Washington D.C. (USA). -Poster

- Bauer, I.E.** Cognitive markers of vulnerability and treatment response in bipolar disorder (2017). Otago University, Department of Psychology, Dunedin (New Zealand). - **Talk**
- Bauer, I.E.,** Ramakrishnan, N., Ursu, S., Saxena, K., Zunta-Soares, G., Phillips, M., Soares, J.C. Differences in Neural Activation during Implicit Facial Emotion Processing in Youth and Adults with Bipolar Disorder. (2017). Society for Research in Psychopathology, Denver (USA). – Poster
- Fries, G., **Bauer, I.E.,** Wu, M.J., Spiker, D., Zunta-Soares, G., Walss-Bass, C. Accelerated Epigenetic Aging in Patients with Bipolar Disorder and Their Siblings. (2017). Society of Biological Psychiatry, San Diego (USA). - Poster
- Soares, J., Cazala, F., Zeni, C., **Bauer, I.E.,** Mwangi, B., Spiker, D. Effects of Valproate on Brain Volumes in Pediatric Bipolar Disorder: A Preliminary Study. Society of Biological Psychiatry, San Diego (USA). - Poster
- Bauer, I.E.,** Ramakrishnan, N., Ursu, S., Saxena, K., Zunta-Soares, G., Phillips, M., Soares, J.C. Differences in Neural Activation during Implicit Facial Emotion Processing in Youth and Adults with Bipolar Disorder. Society of Biological Psychiatry, San Diego (USA). - Poster
- Soares, J.C., Wu, M.J., **Bauer, I.E.,** Passos, I., G Zunta-Soares, D Glahn, B Mwangi. Individualized Prediction of Euthymic Bipolar Disorder and Euthymic Major Depressive Disorder Patients Using Neurocognitive scores, Neuroimaging Data and Machine Learning. Society of Biological Psychiatry, San Diego (USA). - Poster
- Soares, J.C., Cazala, F., **Bauer, I.E.,** Spiker, D., Zunta-Soares, G.-Gender Differences in the Impact of Childhood Trauma on Impulsive Behaviors and Suicide Attempts in Pediatric Bipolar Disorder. Society of Biological Psychiatry, San Diego (USA). - Poster
- Soares, J., Alpak, G., **Bauer, I.E.,** Zunta-Soares, G., Sanches, M., Nery, F. Brain Volume Changes with Lamotrigine Treatment in Bipolar Type II Patients. Society of Biological Psychiatry, San Diego (USA). - Poster
- Bauer, I.E.,** Meyer, T.D., Sanches, M., Spiker, D., Zunta-Soares, G., Soares, J.C. Are self-rating and behavioral measures of impulsivity in bipolar disorder mainly related to comorbid substance use problems? (2017). International Society for Research on Impulsivity, San Diego (USA)-Poster
- Bauer, I.E.,** Meyer, T.D., Sanches, M., Spiker, D., Zunta-Soares, G., Soares, J.C. Are self-rating and behavioral measures of impulsivity in bipolar disorder mainly related to comorbid substance use problems? (2017). International Society for Bipolar Disorder, Washington D.C. (USA) – Poster
- Bauer, I.E.,** Wu, M.J., Meyer, T.N., Mwangi, B., Ouyang, A., Spiker, D., Zunta-Soares, G.B., Huang, H., Soares, J.C. (2016). The role of white matter in personality traits and affective processing in bipolar disorder. (2016). American Society for Clinical Neuropsychopharmacology (ACNP), Miami (USA)-Poster.
- Bauer, I.E.,** Meyer, T.D., Sanches, M., Spiker, D., Zunta-Soares, G., Soares, J.C. Are self-rating and behavioral measures of impulsivity in bipolar disorder mainly related to comorbid substance use problems? (2016). Society for Research in Psychopathology (SRP), Baltimore (USA)-Poster.
- Meyer, T.D., **Bauer, I.E.,** Ye, B., La Rosa, N. Are existing self-ratings of hypomanic symptoms reliable and valid? – A systematic review. (2016). Society for Research in Psychopathology (SRP), Baltimore (USA)-Poster.
- Bauer, I.E.,** Meyer, T.D., Sanches, M., Spiker, D., Zunta-Soares, G., Soares, J.C. Are self-rating and behavioral measures of impulsivity in bipolar disorder mainly related to comorbid substance use problems? (2016). Society for Research in Psychopathology (SRP), Baltimore (USA)-Poster.
- Lavagnino, L., Mwangi, B., **Bauer, I.E.,** Cao, B. Selvaraj, B., Prossin, A., Soares, J.C.Reduced Inhibitory Control Mediates the Relationship Between Cortical Thickness in the Right Superior Frontal Gyrus and Body Mass Index. (2016). Society for Biological Psychiatry (SOBP), Atlanta(USA) – Poster.
- Wu, M-J., Mwangi, B., Passos, I.C., **Bauer, I.E.,** Bo, C., Frazier, T.W., Zunta-Soares, G.B., Soares, J.C.Prediction of Vulnerability to Bipolar Disorder using the Cambridge Neuropsychological Test Automated Battery (CANTAB): A Multi-center Replication Study. (2016). Society for Biological Psychiatry (SOBP), Atlanta(USA) – Poster.
- Bauer, I.E.,** Wu,M.J., Frazier, T., Irungu, B., Zunta-Soares,G., Soares, J.C. Using the Cambridge Neuropsychological Test Automated Battery (CANTAB) to Find Cognitive Markers of Vulnerability to Mental Illness in Healthy Siblings of Bipolar Parents. (2015). American Society for Clinical Neuropsychopharmacology (ACNP), Miami (USA)-Poster.
- Sellick, L., Crewther D.P., Hughes, M., **Bauer, I.E.,** Effects of fish oil supplementation on the anterior cingulate activation in adults with attention deficit hyperactivity disorder (ADHD): a double-blind, randomized, placebo-controlled trial. (2015). 5th Australasian Cognitive Neuroscience Society Conference (ACNS), Auckland (New Zealand)-Poster.

- Bauer, I.E.**, Jordan, G., Soares, J.C., Meyer, T.D. The Role Of Negative Mood Induction On Working Memory Capacity In Individuals Putatively At Risk For Bipolar Disorder: A Pilot Study. (2015). Society for Research in Psychopathology (SRP), New Orleans (USA)-Poster.
- Bauer, I.E.**, Frazier, T.W., Meyer, T.D., Youngstrom, E., Zunta-Soares, G., Soares, J.C. Affective Processing in Pediatric Bipolar Disorder and Offspring of Bipolar Parents. (2015). American Society for Clinical Psychopharmacology (ASCP), Miami (USA) - **Talk**.
- Meyer, T.D., **Bauer, I. E.**, Hautzinger, M. Verbal learning and memory abilities and the outcome of psychological treatments in bipolar disorder-data from a RCT. (2015). International Society for bipolar disorders (ISBD), Toronto (Canada)-Poster
- Bauer, I.E.**, Frazier, T.W., Meyer, T.D., Youngstrom, E., Zunta-Soares, G., Soares, J.C. (2015). Affective Processing in Pediatric Bipolar Disorder and Offspring of Bipolar Parents. Society for Biological Psychiatry (SOBP), Toronto (Canada) – Poster.
- Cao, B., **Bauer, I.**, Sharma A.N, Mwangi, B., Lavagnino, L., Zunta-Soares, G.B., Kapczinski, F.P., Soares, J.C. (2015). Smaller Hippocampal Volumes and Verbal Learning Task Deficits in Bipolar Patients with BDNF val66met (rs6265) Gene Polymorphism. Society for Biological Psychiatry (SOBP), Toronto (Canada) – Poster.
- Wu, M-J., Mwangi B., **Bauer, I.E.**, Sanches M., Kapczinski, F., Zunta-Soares, G.B., Meyer, T.D., Soares, J.C. (2015). Identifying and Validating Distinct Clinical Phenotypes in Bipolar Disorders Using Neurocognitive Data, Neuroimaging Scans and Machine Learning. Society for Biological Psychiatry (SOBP), Toronto (Canada) – Poster.
- Bauer, I.E.**, Frazier, T.W., Meyer, T.D., Youngstrom, E., Zunta-Soares, G., Soares, J.C. (2015) Affective Processing in Pediatric Bipolar Disorder and Offspring of Bipolar Parents. Society for CNS Clinical trials and Methodology (ISCTM), Washington (USA) – Poster.
- Bauer, I.E.**, Nielsen, D. Soares, J.C. (2014). The role of opioidergic genes in drug addiction pharmacotherapy. 13th Annual Pharmacogenetics in Psychiatry Meeting, Hollywood (FL), USA – Poster.
- Mwangi, B., Wu, H., **Bauer, I.**, Zunta-Soares, G.B., and Soares, J.C. (2014). Distinguishing Individual Subjects with Bipolar or Unipolar Depression Using Neuroanatomical Scans and Machine Learning. Society of Biological Psychiatry, 69th Annual Scientific Meeting, New York, USA – Poster.
- Sharma, A.N., **Bauer, I.E.**, Suchting, R., Green, C., Frazier, T.W., Nielsen, D.A., Zunta-Soares, G., Soares, J.C. (2014). Larger Globus Pallidum Volumes Among Bipolar Patients Carrying CACNA1C Gene Risk Allele. May 2014, Society of Biological Psychiatry, 69th Annual Scientific Meeting, New York, USA – Poster.
- Bauer, I.E.**, Keefe, R., Suchting, R. , Green, C., Zunta-Soares, G.B., Soares, J.C. (2014). The Brief Cognitive Assessment Test for Affective Disorders (BAC-A): A New Instrument for Assessing Cognitive Functioning in Bipolar Disorder. Society of Biological Psychiatry, 69th Annual Scientific Meeting, New York, USA – Poster.
- Mwangi, B., Wu, H., **Bauer, I.**, Zunta-Soares, G.B., and Soares, J.C. (2013). Distinguishing individual subjects with bipolar or unipolar depression using neuroanatomical scans and machine learning. 20th Annual Neuroscience Poster Session. University of Texas, Health Science Centre, Houston, USA – Poster.
- Bauer, I.E.**, Nielsen, D., Soares, J.C. (2013). The BDNF val66met polymorphism as a predictor of memory impairment in bipolar disorder. 20th Annual Neuroscience Poster Session. University of Texas, Health Science Centre, Houston, USA – Poster.
- Sellick L, **Bauer I.E.**, Crewther S.G., Pipingas A. and Crewther D.P. (2013). Omega-3 supplementation improves mood and behavior in adults with Attention Deficit Hyperactivity disorder but does not reverse brain atrophy. Frontiers Human Neuroscience. Australasian Cognitive Neuroscience Society Conference, Brisbane, Australia - Poster.
- Scholey, A., Maggini, S., Camfield, D., **Bauer, I.**, Neale, C., White, D., Savage, K., Stough, C. (2012). Acute neurocognitive effects of multi-vitamin/mineral preparations on brain imaging assessed with Steady State Topography and fMRI during periods of mental effort. FASEB Experimental Biology, San Diego, USA – Poster.
- Bauer, I.** (2012). The differential effects of DHA and EPA omega-3 fatty acids on brain functioning. Brain Health and Natural Medicine, Melbourne, Australia – **Talk**.
- Bauer, I.** (2011). The relationship between diet, exercise and cognitive performance in healthy young adults. International Conference on the science of nutrition in medicine and healthcare, Sydney, Australia – **Talk**.

- Crewther, D., **Bauer, I.**, Crewther, S., Pipingas, A. (2011). Non-linear visual evoked potentials: a sensitive assay for nutraceutical effects. Australasian Cognitive Neuroscience Society Conference, Melbourne, Australia – Poster.
- Sellick, L., Pipingas, A., Crewther, D., **Bauer, I.**, Cockrell, R., Rowsell, R. (2011). The effect of baseline essential fatty acid status on cardiovascular function and cognitive performance. Australasian Cognitive Neuroscience Society Conference, Melbourne, Australia – Poster.
- Bauer, I.**, Crewther, D., Rowsell, R., Cockrell, R., Pipingas, A., Crewther, S. (2011). Neurophysiological modification of cortical visual processing in young adults by omega-3 fatty acids: a randomized control trial. Australasian Cognitive Neuroscience Society Conference, Melbourne, Australia – Poster.
- Bauer, I.** The effects of omega-3 fatty acids on cognition and mood – a pilot study (2010). May 201, International Seafood and Health Conference, Melbourne, Australia – **Talk**.
- Bauer, I.** Multicultural Information Online (MIDonline) - Development and Evaluation of a multilingual Depression Information Website: preliminary findings. (2010). Diversity in Health Conference, Melbourne, Australia – **Talk**.
- Bauer, I.** The role of EPA in brain function (2010). Pharmacy Expo, Sydney, Australia – **Talk**.
- Bauer, I.** (2009). Omega-3 dietary supplementation changes BOLD activation in an attentional task (2009). Behavioural Neuroscience Meeting, Melbourne, Australia – Poster.
- Bauer, I.**, Crewther, D., Rowsell, R., Cockrell, R., Pipingas, A., Crewther, S. (2009). Omega-3 dietary supplementation changes BOLD activation in an attentional task. Human Brain Mapping, San Francisco, USA – Poster.

B. REFEREED ORIGINAL ARTICLES IN JOURNALS (h-index = 16; i10-index =23)

42. Barbosa, I.G., de Almeida, R.F, Rocha, N.P., Mol, G.C., Leite, F.M.C, **Bauer, I.E.**, Teixeira, A.L. (2018). Predictors of cognitive performance in bipolar disorder: the role of educational degree and inflammatory markers. *Journal of Psychiatric Research*. *In press*.
41. **Bauer, I.E.**, Suchting, R., Cazala, F., Alpak, G., Sanches, M., Nery, F.B., Zunta-Soares, G.B., Soares, J.C. (2018). Changes in amygdala, cerebellum, and nucleus accumbens volumes in bipolar patients treated with lamotrigine. *Psychiatry Research: Neuroimaging*. 12;278:13-20.
40. **Bauer, I.E.**, Green, C., Colpo, G.D., Teixeira, A.L., Selvaraj, S., Durkin, K., Zunta-Soares, G., Soares, J.C. A double-blind randomized placebo-controlled study of aspirin and N-acetyl cysteine as adjunctive treatments for bipolar depression. *Journal of Clinical Psychiatry*. *In press*.
39. Cazala, F., Suchting R., Zeni, C.P., **Bauer, I.E.**, Mwangi, B., Spiker, D.E., Zunta-Soares, G.B., Soares, J.C. (2018). Effects of valproate on brain volumes in pediatric bipolar disorder: a preliminary study. *Psychiatry Research: Neuroimaging*. S0925-4927(18)30030-1.
38. Meyer, T.D., Hautzinger, M., **Bauer, I.E.** (2018). A mania-related memory bias is associated with risk for recurrence in bipolar disorder. *Journal of Affective Disorders*, 235; 557–564.
37. **Bauer, I.E.**, Kiropoulos, L., Hamilton, J., Crist, N., Soares, J.C., Meyer, T.D. (2018). A qualitative study investigating bipolar patients' expectations of a lifestyle intervention: a self-management program. *Archives of Psychiatric Nursing*. 32(4), 555–560.
36. **Bauer, I.E.**, Diniz, B.S., Meyer, T.D., Teixeira, A.L., Sanches, M., Spiker, D., Zunta-Soares, G.B., Soares, J.C. (2018). Increased reward-oriented impulsivity in older bipolar patients: a preliminary study. *Journal of Affective Disorders*. 225:585-592.
35. Quevedo, J., Fries, G., **Bauer, I.E.**, Scaini, G., Wu, M.-J., Kazimi, I., Valvassori, S., Zunta-Soares, G., Walss-Bass, C., Soares, J.C. (2017). Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. *Translational Psychiatry*. 11;7(12):1283.
34. Wu, M.-J., Mwangi, B., Passos, I.C. **Bauer, I.E.**, Bo, C., Frazier, T.W., Zunta-Soares, G.B., Soares, J.C. (2017). Prediction of vulnerability to bipolar disorder using multivariate neurocognitive patterns: A pilot study. *International Journal of Bipolar Disorders*. 18;5(1):33.

33. **Bauer, I.E.**, Meyer, T.D., Sanches, M., Spiker, D., Zunta-Soares, G., Soares, J.C. (2017). Are self-rating and behavioral measures of impulsivity in bipolar disorder mainly related to comorbid substance use problems? *Cognitive Neuropsychiatry*, 22(4):298-314.
32. Wu, M.J., Benson M., **Bauer, I.E.**, Passos, I.C., Sanches, M., Zunta-Soares, G.B., Meyer, T.D., Hasan, K., and Soares, J.C. (2017) Identification and individualized prediction of clinical phenotypes in bipolar disorders using neurocognitive data, neuroimaging scans and machine learning. *Neuroimage*. 145: 254-264.
31. **Bauer, I.E.**, Hautzinger, M., Meyer, T.D. (2017). Memory performance predicts recurrence of mania in bipolar disorder following psychotherapy: a preliminary study. *Journal of psychiatric research*. 84, 207-213.
30. Cardoso, T., **Bauer, I.E.***, Jansen, K., Suchting, R., Zunta-Soares, G.B., Quevedo, J., Glahn, D.C., Soares, J.C. (2016). Effect of alcohol and illicit substance use on verbal memory among individuals with bipolar disorder. *Psychiatry Research*. 243, 225-231. *joint first authorship
29. **Bauer, I.E.**, Wu, M.J., Meyer, T.N., Mwangi, B., Ouyang, A., Spiker, D., Zunta-Soares, G.B., Huang, H., Soares, J.C. (2016). The role of white matter in personality traits and affective processing in bipolar disorder. *Journal of Psychiatric Research*. 5(80), 64-72.
28. **Bauer, I.E.**, Wu, M.J., Frazier, T.W., Mwangi, B., Spiker, D., Zunta-Soares, G.B., Soares, J.C. (2016). Neurocognitive functioning in individuals with bipolar disorder and their healthy siblings: a preliminary study. *Journal of Affective Disorders*. 201:51-56.
27. Cao, B.*, **Bauer, I.E.***, Sharma, A. N.*, Mwangi, B., Frazier, T. Lavagnino, L., Zunta-Soares, G.B., Walss-Bass, C., Glahn, D.C., Kapczinski, F., Nielsen, D., Soares, J.C. (2016). Reduced hippocampus volume and memory performance in bipolar disorder patients carrying the BDNF val66met met allele. *Journal of Affective Disorders*. 198:198-205. *joint first authorship
26. Lavagnino L., Mwangi B., **Bauer I.E.**, Cao B., Selvaraj S., Prossin A., Soares J.C. (2016). Reduced Inhibitory Control Mediates the Relationship between Cortical Thickness in the Right Superior Frontal Gyrus and Body Mass Index. *Neuropsychopharmacology*. *Accepted for Publication*. 10.1038/npp.2016.26. [Epub ahead of print]
25. Wu, M.J., Passos, I.C., **Bauer, I.E.**, Lavagnino, L., Cao, B., Zunta-Soares, G.B., Kapczinski, F., Mwangi, B., Soares, J.C. (2016). Individualized identification of euthymic bipolar disorder using the Cambridge Neuropsychological Test Automated Battery (CANTAB) and machine learning. *Journal of Affective Disorders*. 192:219-25.
24. **Bauer, I.E.**, Galvez, J.F., Hamilton, J.E., Balanza-Martinez, V., Zunta-Soares, G., Soares, J.C., Meyer, T.D. (2016). Lifestyle interventions targeting dietary habits and exercise in bipolar disorder: A systematic review. *Journal of Psychiatric Research*. 74:1-7.
23. Cao, B., Cavalcante Passos, I., Mwangi, B., **Bauer, I.E.**, Zunta-Soares, G.B., Kapczinski, F., Soares, J.C. (2016). Hippocampal volume and verbal memory performance in late-stage bipolar disorder. *Journal of Psychiatric Research*. 73:102-7.
22. Mwangi, B., Wu, M-J., **Bauer, I.E.**, Modi, H., Zeni, C., Zunta-Soares, G., Hasan, K., Soares, J.C. (2015). Neuroimaging predictive classification of pediatric bipolar disorder using atlas-based diffusion weighted imaging and support vector machines. *Psychiatry Research: Neuroimaging*. 30. 234 (2):265-71.
21. **Bauer, I.E.**, Frazier, T.W., Meyer, T.D., Youngstrom, E., Zunta-Soares, G., Soares, J.C. (2015). Affective Processing in Pediatric Bipolar Disorder and Offspring of Bipolar Parents. *Journal of Child and Adolescent Psychopharmacology*. 25(9):684-90.
20. Pascoe, M.C. & **Bauer, I.E.** (2015). A systematic review of randomised control trials on the effects of yoga on stress measures and mood. *Journal of Psychiatric Research*. 68:270-82.
19. Patriquin, M.A., **Bauer, I.E.**, Soares, J.C., Graham, D.P., Nielsen, D.A. (2015). Addiction pharmacogenetics: A systematic review of the genetic variation of the dopaminergic system. *Psychiatry genetics*. 25(5):181-93.
18. **Bauer, I.E.**, Jordan, G., Soares, J.C. Meyer, T.D. (2015). The role of negative mood induction on working memory capacity in individuals putatively at risk for bipolar disorder. *Journal of Affective Disorders*. 185:60-6.
17. **Bauer, I.E.**, Graham, D.P., Soares, J. C., Nielsen, D.A. (2015). Serotonergic gene variation in substance use pharmacotherapy: a systematic review. *Pharmacogenomics*. 16(11):1-8.
16. **Bauer, I.E.**, Meyer, T.D., Sanches, M., Zunta-Soares, G., Soares, J.C. (2015). Does a history of substance abuse and illness chronicity predict increased impulsivity in bipolar disorder? *Journal of Affective Disorders*. 179:142-7.
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D. BOOK CHAPTERS

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