

CURRICULUM VITAE

Adomas Bunevicius, M.D., Ph.D.

PERSONAL INFORMATION

Work address: University of Virginia Medical Center
Gamma Knife Center
Room G512
1221 Lee St.
Charlottesville, VA 22903

E-mail: Ab5qs@hscmail.mcc.virginia.edu; a.bunevicius@yahoo.com;
adomas.bunevicius@ismuni.lt

Phone number 617 417 7174

Date and place of birth: January 23, 1984, Kaunas, Lithuania

Languages: Lithuanian, English (fluent), Spanish (beginner)

Public profiles

Harvard Catalyst <https://connects.catalyst.harvard.edu/Profiles/display/Person/172588>

Google Scholar: <https://scholar.google.com/citations?user=i4UL2HIAAAAJ&hl=en>

Researchgate: https://www.researchgate.net/profile/Adomas_Bunevicius

Publons: <https://publons.com/researcher/1292492/adomas-bunevicius>

CURRENT APPOINTMENTS

Gamma knife radiosurgery fellow (clinical), University of Virginia Medical Center, Charlottesville, Virginia.

Collaborator, Computational Neuroscience Outcomes Center, Harvard medical school and Brigham and Women's Hospital, Boston, Massachusetts.

Senior researcher, Laboratory of Behavioral Medicine, Institute of Neurosciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

Representative in the Horizon 2020 committee “Health, demographic change and wellbeing”.

Representative in the COST Action 16207 (Problematic use of Internet).

EDUCATION

MD degree.

School of Medicine, Kaunas University of Medicine, Kaunas, Lithuania 09/2002 – 07/2008

Ph.D. degree. 11/2012

Mentors: Victor JM Pop MD, PhD and Johan Denollet PhD

Department of Medical Psychology and Neuropsychology/ Center of Research on Psychology in Somatic diseases (CoRPS), Tilburg University, Tilburg, The Netherlands.

MEDICAL TRAINING

Medical Internship

Klaipeda County Hospital, Klaipeda, Lithuania and 08/2008 – 08/2009

Hospital Clinico San Carlos, Madrid, Spain 03/2009 – 06/2009

Neurosurgical Residency

Neurosurgery Clinic, Lithuanian University of Health Sciences, Kaunas, 08/2009 – 08/2017

Lithuania

Clinical fellowship - Image Guided Neurosurgery

07/2018 – 07/2019

Department of Neurosurgery, Brigham and Women’s Hospital and Harvard university, Boston, Massachusetts, USA

Mentor: Alexandra J Golby, MD

Clinical fellowship – Radiosurgery

07/2019 – 07/2020

Department of Neurosurgery, University of Virginia, Charlottesville, USA

Mentor: Jason Sheehan, MD, PhD

RESEARCH TRAINING

Postdoctoral research fellowship in neuropsychology

08/ 2010 – 08/ 2012

Mentors: David R Rubinow MD and Susan S Girdler PhD

Department of Psychiatry, University of North Carolina at Chapel Hill,
NC, USA

Postdoctoral research fellowship in neuroimaging

08/ 2012 – 06/ 2013

Mentors: William J Powers MD and Weili Lin PhD

Department of Neurology and Biomedical Research Imaging Center,
University of North Carolina at Chapel Hill, NC, USA

Fellow

Harvard university Medical school, Boston, Massachusetts, USA

07/2018 – 07/2019

OTHER PROFESSIONAL EDUCATION

Observership, Eldad Hadar MD, Department of Neurosurgery, University of
North Carolina at Chapel Hill, North Carolina, USA

04/2011 – 01/2013

Observership, Edward R. Laws MD, FACS, Pituitary and Neuroendocrine
Center, Department of Neurosurgery, Brigham and Women's Hospital,
Boston, Massachusetts, USA.

09/19/2011-

09/23/2011

05/26/2015 –

05/30/2015

06/25/2016 –

07/03/2016

04/01/2017

04/08/2017

Endoscopic sinus and skull base surgery course – a hands-on course, 08/23/2013 –
 Lithuanian University of Health Sciences, Kaunas, Lithuania. Directors: 08/25/2013
 Ricardo L. Carrau, MD, FACS, Amin B. Kassam, MD, FRCS(c), Daniel M.
 Prevedello, MD, Dainius H Pauza, MD, PhD, Arimantas Tamasauskas, MD,
 PhD, Virgilijus Ulozas, MD, PhD.

Professional education conferences

1. iHUB Turns Five: A Celebration of Digital Health Innovation in Hospitals. Brigham and Women's Hospital, Boston, MA, USA. September 12, 2018.
2. Brigham and Women's Hospital Cerebrovascular and Skull Base Symposium: Judgment, Complications, and Mastery. Harvard Medical School, Joseph B. Martin Conference Center, 77 Avenue Louis Pasteur, Boston, MA, USA. September 22, 2018
3. 12th Interventional MRI Symposium. Boston Marriott Long Wharf Hotel, Boston, Massachusetts. October 5-6, 2018.
4. Center of Excellence dinner session: What is Digital Health? Dr. Alistair Erskine. Massachusetts General Hospital, Boston, MA, USA. October 9, 2018.
5. Global Health Symposium. Harvard Medical School, Boston, Massachusetts, USA. October 20, 2018.

CERTIFICATIONS AND LICENSURE

ECFMG certified (0-797-523-8)	02/06/2012
United States Medical Licensing Examinations. Passed. Steps 1 (231/99), 2CK (246/99) and 2CS (passed) and Step 3.	
Medical license. Lithuania: active. Number: MPL-15211	08/2009 - present

EMPLOYMENT HISTORY

Volunteer	Volunteer work with mentally handicap people,	07/ 2003
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	Amerpoort, The Netherlands	
Operating room technician	Neurosurgery Clinic OR, Kaunas University of Medicine, Kaunas, Lithuania (Part-time job)	04/2004 – 11/2005
Medical lab technician	Stress Research Program, Department of Psychiatry, University of North Carolina at Chapel Hill, USA	06/ 2004 – 08/2004 06/ 2005 – 08/2005 06/ 2006 – 08/2006
Junior Research Fellow	Behavioral Medicine Institute, Lithuanian University of Health Sciences, Palanga, Lithuania	08/2008 – 09/2013
Neurosurgeon	Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania	08/2017 – 07/2018

PROFESSIONAL SOCIETIES

Congress of Neurological Surgeons (International vista member)	2011 – present
European Association of Neurological Surgeons	2011 - present
Lithuanian Skull Base Society	2014 – present
North American Spine Society (Member)	2013 - 2016
American Association Neurological Surgeons (International candidate member)	2011 – 2013
European Society of Endocrinology (Member)	2012 – 2013
World Federation of Societies of Biological Psychiatry (Member)	2005 – 2010
American Psychosomatic Society (Member)	2005 – 2010
Lithuanian Medical Students' Association (National Officer for Research Exchange)	2006 – 2008

EDITORIAL BOARD

Biological Psychiatry and Psychopharmacology, Editor-in-Chief	2014 – present
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Medicina (Kaunas)	2019 – present
Surgeries	2020 – present
Biomedical Data Journal	2014 – present
Journal of Neurology and Neuroscience	2009 – present
World Journal of Methodology	2013 – present
Chronicles of Surgery	2013 - present

REVIEWER

External Grant Peer Reviewer European Commission, Horizons 2020 programme grant reviewer, 2018.
2019

COST Action, 2018, 2019

Serbian Academy of Sciences, 2019

Canadian Institutes of Health Research, 2008

Abstract reviewer: American Psychosomatic Society Annual meetings at 2008 and 2010.

Lithuanian University of Health Sciences, Students' Scientific
Conference, 2013

Journal reviewer: Indian Journal of Medical Research, 2009 (IF 0.9); BMC Family Practice, 2009 (IF 1.3); Collegium Antropologicum, 2009; The Journal of Obstetrics and Gynaecology Research, 2009 (IF 0.9); International Journal of Psychophysiology, 2010 (IF=3.04); Internet Journal of Mental Health, 2010; Journal of Affective Disorders, 2011, 2012 , 2015 (IF=3.76); Assessment, 2011 (IF=1.97); Psychiatry Research, 2012, 2015 (IF=2.8); General Hospital Psychiatry, 2012 (IF=2.8); World Journal of Pediatrics, 2013 (IF=1.2); Heart & Lung, 2013 (IF=1.3); Psychosomatic Medicine, 2013, 2014, 2015 (IF=3.9); Journal of Health Psychology, 2013 (IF=1.2); Stroke, 2013 (IF=5.7); Journal of Health Psychology, 2014 (IF=1.6); Expert Review of Cardiovascular Therapy, 2014 (IF=2.6); Integrative Cancer Therapies, 2015 (IF=2.0); Psychiatry Research, 2015 (IF=2.5); Health and Quality of Life Outcomes, 2015 (IF=2.1); International Journal of Endocrinology, 2016 (IF=1.948); Journal of Clinical Endocrinology, 2016; World Neurosurgery, 2016, 2017 (IF=2.7), Oncotarget, 2017

(IF=5.008); Health and Quality of Life Outcomes, 2017 (IF=2,212); Psychoneuroendocrinology, 2017 (IF=4.704), Journal of Affective Disorders, 2017 (IF=3.57), Journal of Neurosciences in Rural Practice 2017; World Journal of Emergency Medicine 2017; Biochemistry Research International 2017; Annals of Internal Medicine (IF=17.2; 2017), International Journal of Obesity (2018)

Student (PhD and master's degree) advisor

PhD student advisor:

- 1) Migle Kaminskaite, M.D. (Lithuanian University of Health Sciences). Thesis title: "Genetic risk factors of alcohol use". Period: 2016/09/01- present.
- 2) Mindaugas Urbonas, M.D. (Lithuanian University of Health Sciences). Thesis title: "Endocrine and inflammatory correlates of disease severity and prognosis of patients with hydrocephalus" Period: 2018/09/01- present.

PhD student co-advisor (Lithuanian University of Health Sciences):

- 1) Alicija Juskiene, Ph.D. (Lithuanian University of Health Sciences). Thesis title: "Associations of psychological and biological factors with obstructive sleep apnea in coronary artery disease patients" (2013 09 01 – 2017 08 31; No. V-759 [2014 06 23])
- 2) Andrius Radziunas, M.D., Ph.D. (Lithuanian University of Health Sciences). Thesis title: "Prognostic significance of neuroimaging biomarkers in Parkinson's disease patients" (2014 09 25 – 2018 08 31; No. MC1-132 [2014 09 25])

Master thesis advisor of MD students at Lithuanian University of Health Sciences, Faculty of Medicine:

- 1) Marija Kozlova, M.D. Thesis Title: "Clinical significance of thyroid hormones and NT-proBNP for outcomes after brain tumor surgery" (2014 - 2016),
- 2) Valentina Kopustaite, M.D. Thesis title: "Prognostic significance of hypothalamic-pituitary-thyroid axis in patients with hydrocephalus" (2015 - 2017)
- 3) Agne Andriuskeviciute, M.D. Thesis title: "Risk factors and prognostic significance of delirium after traumatic brain injury" (2016-2018)

- 4) Ingrida Lukaseviciute, MD. Thesis title: “Prognostic factors of lumbar disc herniation surgery” (2017-2019)
- 5) Berta Keryte, M.D. candidate. Thesis title: The association of endocrine and inflammatory biomarkers with quality of life of patients with hydrocephalus” (2017-2019);

Medical student (MD) research study advisor (Lithuanian university of health sciences): Kristina Pudnikaitė (LUHS, 2014 - 2016); Jomante Razminaitė (LUHS, 2016-2017); Albertas Sliauzys (LUHS, 2016-2017).

Masters degree (pharmacy) research consultant at the Massachusetts College of Pharmacy and Health Sciences, Boston, Massachusetts, USA

- 1) Chunming Liu. Thesis title: “Prognostic significance of Low T3 syndrome in stroke: meta-analysis” (2016 – 2017).
- 2) Apurva Pande. Thesis title: Endoscopic ventriculostomy vs. shunt surgery for treatment of hydrocephalus: meta-analysis” (2018-2019)
- 3) Rasika Korde. Thesis title: “Intraoperative MRI for glioma surgery: meta-analysis” (2018-2019)
- 4) Shubhan Chakankar. Thesis title: “Prothrombin complex concentrate for anticoagulation reversal in patients undergoing emergent neurosurgery: meta-analysis” (2018-2019)

OTHER EDUCATIONAL ACTIVITIES

PhD defense committee member:

- 1) Dalia Dauksiene, MD, PhD. Public defense date: 2013 08 28. Lithuanian University of Health Sciences, Kaunas, Lithuania.. Dissertation title: “Prognostic factors predicting the failure of medical treatment in Graves’ disease” (No. V-609; 2013 06 25).
- 2) Viktorija Andrejevaite, MD, PhD. Vilnius University, Vilnius, Lithuania. Candidate: (No. V-609; 2013 06 25). Public defense date: 2016 10 23.

Guideline committee member.

- 1) Guidelines for diagnosis and management of rare neurosurgical disorders. Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania.

Other activities:

1. Sergeant-At-Arms. Congress of Neurological Surgeons Annual Meeting 2017, October 7-11, Boston, Massachusetts.

AWARDS

1. 1st place Student Research Award for the study: “The effect of susceptibility to stress for academic achievements of students and response of cardiovascular system to an oral exam induced stress” at the 54th *Students’ Scientific Conference*, Stradina University at Riga, Latvia, May 13-14, 2005.
2. Medical Student / Medical Resident / Medical Fellow Travel Scholarship, Full Award of the *American Psychosomatic Society*, Denver, Colorado, March 1-4, 2006.
3. The Best Student Research Award for the study: “Neuroimmune mechanisms of mood changes”, presented by the *Lithuanian Academy of Sciences*, Vilnius, Lithuania, March 18, 2008.
4. The best research study: [Endovascular treatment of carotid and vertebral arteries: the effect of technical factors on immediate and follow-up results] at Radiology and Oncology section of the *Conference of Lithuanian Biomedical Students and Young Scientists* at Kaunas University of Medicine, Kaunas, Lithuania, May 7, 2008.
5. Travel Grant from the World Federation of Societies of Biological Psychiatry at the 9th *World Congress of Biological Psychiatry*, Paris, France, June 28 – July 2, 2009.
6. Travel Award for Paul MacLean Scholars, *American Psychosomatic Society Annual Meeting*, Portland, Oregon, March 10-13, 2010.
7. Young Investigator Award Nominee: “Symptoms of Depression and Anxiety Determine Fatigue but Not Physical Fitness in Patients With CAD” at the 2010 *Heart-Brain Summit*, Las Vegas, Nevada, September 23-24, 2010.
8. Travel Grant from the World Federation of Societies of Biological Psychiatry at the 10th *World Congress of Biological Psychiatry*, Prague, Czech Republic, June 28–July 2, 2011.

9. European College of Neuropsychopharmacology Travel Award to present poster presentation: “Depression, anxiety and delirium are associated with thyroid axis function in brain tumor patients” at the 24th ECNP Congress, Paris, France, September 3-7, 2011.
10. Fellowship from the European Organization for Research and Treatment of Cancer to attend *EORTC QOL 2011 Symposium* in Brussels, Belgium, September 8-9, 2011.
11. Basic Science Meeting grant. European Society of Endocrinology. February 16, 2012
12. Travel Grant Fellowship. International Society of Endocrinology. March 14, 2012
13. Journal of Endocrinology Travel Grant, April 11, 2012.
14. European Association of Neurological Surgeons, Educational Grant, 2013.
15. 3rd place award in the Best young scientist of the Lithuanian University of Health Sciences contest. Kaunas, Lithuania, December 20, 2013.
16. European College of Neuropsychopharmacology Travel Award to present poster presentation: “Low tri-iodothyronine concentration is associated with greater depressive and anxiety symptoms in brain tumor patients” at the 27th ECNP Congress, Berlin, Germany, October 18-21, 2014.
17. Scholarship from the Lithuanian Academy of Sciences for Young Scientists. Vilnius, Lithuania, June 18, 2014.
18. 1st place award in the “Best Young Scientist 2015” of the Lithuanian University of Health Sciences contest. Kaunas, Lithuania, December 20, 2015.
19. BrainLAB Community Award, Congress of Neurological Surgeons Annual meeting, Boston, Massachusetts, USA. October 9, 2017.
20. 1st place award in the “Best Young Scientist 2017” of the Lithuanian University of Health Sciences contest. Kaunas, Lithuania, December 22, 2017.

PUBLICATIONS

Peer-reviewed journal articles indexed in Clarivate Analytics, Scopus or MEDLINE/Pubmed:

1. Bunevicius R, Peceliuniene J, Mickuviene N, **Bunevicius A**, Pop VJ, Girdler SS. Mood and thyroid immunity assessed by ultrasonographic imaging in a primary health care. *Journal of Affective Disorders* 2007; 97(1-3): 85-90. DOI: 10.1016/j.jad.2006.05.029. PMID: 16837056.
2. **Bunevicius A**, Peceliuniene J, Mickuviene N, Valius L, Bunevicius R. Screening for depression and anxiety disorders in primary care patients. *Depression and Anxiety* 2007; 24(7): 455-460. DOI: 10.1002/da.20274. PMID: 17117433
3. **Bunevicius A**, Deltuva VP, Deltuviene D, Tamasauskas A, Bunevicius R. Brain lesions manifesting as psychiatric disorders: eight cases. *CNS Spectrums* 2008; 13(11): 950-958. DOI: 10.1017/S1092852900014000. PMID: 19037181
4. **Bunevicius A**, Katkute A, Bunevicius R. Symptoms of anxiety and depression in medical students and in humanitarian students: relationship with Big-Five personality dimensions and vulnerability to stress. *International Journal of Social Psychiatry* 2008; 54(6): 494-501. DOI: 10.1177/0020764008090843. PMID: 18974188
5. **Bunevicius A**, Peceliuniene J, Mickuviene N, Girdler SS, Bunevicius R. The association of thyroid immunity with blood pressure and body mass index in primary care patients. *Endocrine research* 2008; 33(3-4): 93-103. DOI: 10.1080/07435800802534126. PMID: 19156567.
6. Bunevicius R, Kusminskas L, **Bunevicius A**, Nadisauskiene RJ, Jureniene K, Pop VJ. Psychosocial risk factors for depression during pregnancy. *Acta Obstetrica et Gynecologica Scandinavica*. 2009; 88(5): 599-605. DOI: 10.1080/00016340902846049. PMID: 19308810.
7. **Bunevicius A**, Kusminskas L, Bunevicius R. Validation of Lithuanian version of the Edinburgh Postnatal Depression Scale. *Medicina(Kaunas)* 2009; 45(7): 544-548. PMID: 19667749
8. Bunevicius R, Kusminskas L, Mickuviene N, **Bunevicius A**, Pedersen CA, Pop VJ. Depressive disorder and thyroid axis function during pregnancy. *The World Journal of Biological Psychiatry* 2009; 10(4): 324-9. DOI: 10.3109/15622970903144038. PMID: 19921974.
9. **Bunevicius A**, Kusminskas L, Pop VJ, Pedersen C, Bunevicius R. Screening for antenatal depression with the Edinburgh Depression Scale. *Journal of Psychosomatic Obstetrics Gynecology* 2009; 30(4): 238-43. DOI: 10.3109/01674820903230708. PMID: 19845492.
10. **Bunevicius A**, Stankus A, Brozaitiene J, Girdler SS, Bunevicius R. Relationship of fatigue and physical capacity with emotional and physical state in patients with coronary artery disease

- admitted for rehabilitation program. *American Heart Journal* 2011; 162(2): 310-6. DOI: 10.1016/j.ahj.2011.05.003. PMID: 21835292.
11. **Bunevicius A**, Staniute M, Brozaitiene J, Bunevicius R. Specific fatigue related items in self-rating depression scales do not bias an association between depression and fatigue in patients with coronary artery disease. *General Hospital Psychiatry* 2011; 33(5): 527-9. DOI: 10.1016/j.genhosppsych.2011.06.009. PMID: 21851985.
 12. **Bunevicius A**, Staniute M, Brozaitiene J, Bunevicius R. Diagnostic accuracy of self-rating scales for screening of depression in coronary artery disease patients. *Journal of Psychosomatic Research* 2012; 72(1): 22-5. DOI: 10.1016/j.jpsychores.2011.10.006. PMID: 22200518.
 13. Deltuva V, Matukevicius A, Jurkiene N, Kulakiene I, **Bunevicius A**, Tamasauskas A. Introduction of novel semiquantitative evaluation of (99m)Tc-MIBI SPECT before and after treatment of glioma. *Medicina(Kaunas)* 2012; 45(1): 15-21. PMID: 22481370
 14. Deltuva V, **Bunevicius A**, Matukevicius A, Jurkiene N, Kulakiene I, Tamasauskas A. Tc99m-MIBI SPECT scan results predict survival of malignant glioma patients. *Oncology Letters* 2012; 4: 739-744. DOI: 10.3892/ol.2012.812. PMID: 23205093.
 15. **Bunevicius A**, Staniute M, Brozaitiene J, Montgomery S, Pop VJ, Bunevicius R. Severity of depressive symptoms in patients with coronary artery disease: comparison of subjective and objective evaluation. *International Clinical Psychopharmacology* 2012; 27(5): 249-245. DOI: 10.1097/YIC.0b013e328357670d. PMID: 22869009.
 16. **Bunevicius A**, Gintauskiene V, Podlipskyte A, Zaliunas R, Brozaitiene J, Prange AJ Jr, Bunevicius R. Fatigue in coronary artery disease patients: association with thyroid axis hormones and cortisol. *Psychosomatic Medicine* 2012; 74(8): 848-53. DOI: 10.1097/PSY.0b013e318268e7f0. PMID: 23023678.
 17. **Bunevicius A**, Leserman J, Girdler S. Hypothalamic-pituitary-thyroid axis function in women with a menstrually related mood disorder: association with histories of sexual abuse. *Psychosomatic Medicine* 2012; 74(8): 810-6. DOI: 10.1097/PSY.0b013e31826c3397. PMID: 23001392.
 18. Tamasauskas A, Sinkunas K, **Bunevicius A**, Radziunas A, Skiriute D, Deltuva V. Transsphenoidal surgery for microprolactinomas in women: results and prognosis. *Acta Neurochirurgica (Wien)* 2012; 154(10): 1889-93. DOI: 10.1007/s00701-012-1450-x. PMID: 22855071.

19. **Bunevicius A**, Tamasauskas S, Tamasauskas A, Deltuva V. Evaluation of health-related quality of life in Lithuanian brain tumor patients using the EORTC brain cancer module. *Medicina(Kaunas)* 2012;48(11): 588-94. PMID: 23455894.
20. **Bunevicius A**, Staniute M, Brozaitiene J, Pop VJ, Bunevicius R. Screening for anxiety disorders in patients with coronary artery disease. *Health and Quality of Life Outcomes* 2013;11(1):37. DOI: 10.1186/1477-7525-11-37. PMID: 23497087.
21. **Bunevicius A**, Yuan H, Lin W. The potential roles of FDG-PET in management of acute stroke patients. *BioMed Research International* 2013;2013:634598. DOI: 10.1155/2013/634598. PMID: 23762852.
22. Yuan H, Frank JE, Hong Y, An H, Eldeniz C, **Bunevicius A**, Nie1 J, Shen1 D, Lin W. Spatiotemporal uptake characteristics of [18]F-2-fluoro-2-deoxy-D-glucose in a rat middle cerebral artery occlusion model. *Stroke* 2013;44(8):2292-9. DOI: 10.1161/STROKEAHA.113.000903. PMID: 23743978.
23. **Bunevicius A**, Deltuva V, Tamasauskas S, Tamasauskas A, Laws ER, Bunevicius R. Low triiodothyronine syndrome as a predictor of poor outcomes in patients undergoing brain tumor surgery: a pilot study. *Journal of Neurosurgery* 2013; 118(6):1279-87. DOI: 10.3171/2013.1.JNS121696. PMID: 23480214.
24. **Bunevicius A**, Hinderliter A, Klatzkin R, Patel D, Arizmendi C, Girdler SS. Beta-adrenergic receptor mechanisms and pain sensitivity in women with menstrually related mood disorders. *Journal of Pain* 2013;14(11):1349-60. DOI: 10.1016/j.jpain.2013.05.014. PMID: 23958279.
25. **Bunevicius A**, Rubinow DR, Calhoun A, Richardson E, Leserman J, Girdler S. The association of migraine with menstrually related mood disorders and childhood sexual abuse. *Journal of Women's Health*. 2013;22(10):871-6. DOI: 10.1089/jwh.2013.4279. PMID: 23930948.
26. **Bunevicius A**, Staniute M, Brozaitiene J, Bunevicius R, Denollet J. Type D (distressed) personality and its assessment with the DS14 in Lithuanian patients with coronary artery disease *Journal of Health Psychology* 2013;18(9):1242-51. DOI: 10.1177/1359105312459098. PMID: 23129829.
27. **Bunevicius A**, Deltuva V, Tamasauskas S, Tamasauskas A, Bunevicius R. Screening for psychological distress in neurosurgical brain tumor patients using the Patient Health

- Questionnaire-2. *Psycho-oncology* 2013;22(8):1895-900. DOI: 10.1002/pon.3237. PMID: 23233453.
28. **Bunevicius A**, Brozaitiene J, Staniute M, Duoneliene I, Pop VJ, Bunevicius R, Denollet J Decreased physical effort, fatigue and mental distress in patients with coronary artery disease Importance of personality-related differences *International Journal of Behavioral Medicine* 2014;21(2):240-7. DOI: 10.1007/s12529-013-9299-9. PMID: 23456184.
29. Fleishman DS, **Bunevicius A**, Leserman J, Girdler S. Menstrually Related Mood Disorders and Histories of Abuse: Modulators of Physical and Emotional Pain Sensitivity. *Health Psychology* 2014;33(2):147-54. DOI: 10.1037/a0031900. PMID: 23527515.
30. **Bunevicius A**, Kazlauskas H, Raskauskiene N, Janusonis V, Bunevicius R. Ischemic stroke functional outcomes are independently associated with C-reactive protein concentrations and cognitive outcomes with triiodothyronine concentrations: a pilot study. *Endocrine* 2014;45(2):213-20. DOI: 10.1007/s12020-013-9958-2. PMID: 23605905.
31. **Bunevicius A**, Tamasauskas S, Tamasauskas A, Deltuva V, Bunevicius R. Psychological distress symptoms' clusters in brain tumor patients: factor analysis of depression and anxiety scales. *Psycho-oncology* 2013;22(12):2860-3. DOI: 10.1002/pon.3354. PMID: 23913701.
32. Staniute M, **Bunevicius A**, Brozaitiene J, Bunevicius R. Relationship of health-related quality of life with fatigue and exercise capacity in patients with coronary artery disease. *European Journal of Cardiovascular Nursing*. 2014;13(4):338-44. doi: 10.1177/1474515113496942. PMID: 23818215.
33. Tamasauskas A, **Bunevicius A**, Radziunas A, Matukevicius A, Urbonas M, Deltuva V. Extended pterional approach for initial surgical management of craniopharyngiomas: a case series. *Turkish Neurosurgery* 2014;24(2):174-83. DOI: 10.5137/1019-5149.JTN.6995-12.2. PMID: 24831357.
34. **Bunevicius A**, Bunevicius R. Authors' response: Patient Health Questionnaire-2 as a screening tool for psychological distress in brain tumor patients. *Psycho-oncology* 2014;23(3):354. DOI: 10.1002/pon.3425. PMID: 24585536.
35. **Bunevicius A**, Tamasauskas S, Radziunas A, Tamasauskas A, Deltuva V, Bunevicius R Predictors of health-related quality of life in neurosurgical brain tumor patients: focus on patient-centered

- perspective. *Acta Neurochirurgica (Wien)*. 2014;156(2):367-74. DOI: 10.1007/s00701-013-1930-7. PMID: 24585536.
36. Klatzkin RR, **Bunevicius A**, Forneris CA, Girdler SS. Menstrual Mood Disorders are Associated with Blunted Sympathetic Reactivity to Stress. *Journal of Psychosomatic Research*. 2014; 76(1):46-55. DOI: 10.1016/j.jpsychores.2013.11.002. PMID: 24360141.
37. Butnorienė J, **Bunevicius A**, Norkus A, Bunevicius R. Depression but not anxiety is associated with metabolic syndrome in primary care based community sample. *Psychoneuroendocrinology* 2014;40:269-76. DOI: 10.1016/j.psyneuen.2013.11.002. PMID: 24485498.
38. **Bunevicius A**, Tamasauskas A, Deltuva VP, Bunevicius R. Regarding paper "Somatotrophic and thyroid hormones in the acute phase of subarachnoid haemorrhage". *Acta Neurochirurgica (Wien)* 2014;156(5):979-80. DOI: 10.1007/s00701-014-2012-1. PMID: 24477557.
39. Bunevicius R, Liaugaudaitė V, Peceliuniene J, Raskauskiene N, **Bunevicius A**, Mickuviene N. Factors affecting the presence of depression, anxiety disorders and suicidal ideation in patients attending primary health care service in Lithuania. *Scandinavian Journal of Primary Health Care* 2014;32(1):24-9. DOI: 10.3109/02813432.2013.873604. PMID: 24533847.
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1. Prankeviciene A, Marcinkevicius E, Deltuva V, Tamasauskas A, **Bunevicius A**. Moyamoya disease presenting as suicidal behavior: Case report and systematic literature review
2. Prankeviciene A, **Bunevicius A**. Predictors of cognitive functioning of brain tumor patients: a prospective study.
3. Andriuskeviciute A, Nekrosius D, Prankeviciene A, Tamasauskas A, Vilcinis R, **Bunevicius A**. Risk Factors and Prognostic Significance of Delirium After Traumatic Brain Injury: a Prospective Study
4. Stakaitis, Rytis; Prankeviciene, Aiste; Steponaitis, Giedrius; Tamasauskas, Arimantas; Bunevicius, Adomas; Vaitkienė, Paulina Different miR-181 expression levels in serum exosomes indicate glioblastoma patients' outcome and quality of functioning *Molecular Oncology*
5. Buneviciene I, **Bunevicius A** Prevalence of internet addiction in healthcare professionals: systematic review and meta-analysis
6. Sarah Frisken, Ma Luo, Ines Machado, Prashin Unadkat, Parikshit Juvekar, **Adomas Bunevicius**, Matthew Toews, Jie Luo, William Wells, Michael Miga, and Alexandra Golby. A Comparison of Thin Plate Spline Deformation and Finite Element Modeling for Brain Shift Compensation using Sparse Features that were Automatically Generated from 3D Intraoperative Ultrasound
7. Bunevicius, Miller J, Parsons. IDH mutation, patient reported outcomes and cognitive functioning of glioma patients: systematic review of literature. Neuro-oncology Practice
8. Accuracy of the Edinburgh Postnatal Depression Scale (EPDS) for Screening to Detect Major Depression Among Women in Pregnancy and the Postpartum Period: an Individual Participant Data Meta-Analysis. Brooke Levis, Andrea Benedetti, and Brett D. Thombs, on behalf of the DEPRSSion Screening Data (DEPRESSD) Collaboration JAMA
9. Anita Lyubenova¹, Dipika Neupane^{1,2}, Brooke Levis¹⁻³, Yin Wu^{1,2,4}, Ying Sun¹, Chen He^{1,2}, Ankur Krishnan¹, Parash Mani Bhandari^{1,2}, Zelalem Negeri^{1,2}, Mahrukh Imran¹,

- Danielle B. Rice^{1,5}, Marleine Azar^{1,2}, Tatiana A. Sanchez¹, Matthew J. Chiovitti¹, Nazanin Saadat¹, Kira E. Riehm^{1,6}, Jill T. Boruff⁷, John P. A. Ioannidis⁸, Pim Cuijpers⁹, Simon Gilbody¹⁰, Lorie A. Kloda¹¹, Dean McMillan¹⁰, Scott B. Patten¹²⁻¹⁴, Ian Shrier^{1,2,15}, Roy C. Ziegelstein¹⁶, Liane Comeau¹⁷, Nicholas D. Mitchell^{18,19}, Marcello Tonelli²⁰, Simone N. Vigod²¹, Franca Aceti²², Jacqueline Barnes²³, Amar D. Bavle²⁴, Cheryl Tatano Beck²⁵, Carola Bindt²⁶, Philip M. Boyce^{27,28}, Adomas Bunevicius²⁹, Linda H. Chaudron³⁰, Felipe Pinheiro de Figueiredo³¹, Nicolas Favez^{32,33}, Barbara Figueiredo³⁴, Lluïsa Garcia-Esteve³⁵⁻³⁷, Lisa Giardinelli³⁸, Nadine Helle²⁶, Louise M. Howard^{39,40}, Jane Kohlhoff⁴¹⁻⁴³, Laima Kusminskas⁴⁴, Zoltán Kozinszky⁴⁵, Lorenzo Lelli³⁸, Angeliki A. Leonardou⁴⁶, Valentina Meuti²², Sandra Nakić Radoš⁴⁷, Purificación Navarro García^{35,48}, Susan J. Pawlby³⁹, Chantal Quispel⁴⁹, Emma Robertson-Blackmore⁵⁰, Tamsen J. Rochat^{51,52}, Deborah J. Sharp⁵³, Bonnie W. M. Siu⁵⁴, Alan Stein^{55,56}, Robert C. Stewart^{57,58}, Meri Tadinac⁵⁹, S. Darius Tandon⁶⁰, Iva Tendais³⁴, Annamária Töreki⁶¹, Anna Torres-Giménez³⁵⁻³⁷, Thach D. Tran⁶², Kylee Trevillion³⁹, Katherine Turner⁶³, Johann M. Vega-Dienstmaier⁶⁴, Andrea Benedetti^{2,65,66,*}, Brett D. Thombs^{1,2,4,5,66-68,*} Depression Prevalence Based on the EPDS Compared to Structured Clinical Interview for DSM Classification: Individual Participant Data Meta-analysis. *Psychological Medicine*.
10. Parash Mani Bhandari, Brooke Levis, Dipika Neupane, Scott Patten, Ian Shrier, Brett D. Thombs*, Andrea Benedetti*, and the DEPRESSion Screening Data (DEPRESSD) EPDS Collaboration **Bias in diagnostic accuracy estimates due to data-driven cutoff selection: simulation study using individual participant data from 49 studies on the diagnostic accuracy of the Edinburgh Postnatal Depression Scale (EPDS)**
11. Dipika Neupane^{1,2}, Brooke Levis¹⁻³, Parash Mani Bhandari^{1,2}, Brett D Thombs^{1,2,4-8,*}, Andrea Benedetti^{2,5,9,*}, and the DEPRESSion Screening Data (DEPRESSD) Collaboration.

Selective cutoff reporting in studies of the accuracy of the PHQ-9 and EPDS depression screening tools: comparison of results based on published cutoffs versus all cutoffs using individual participant data meta-analysis. *International Journal of Epidemiology*

12. Lita Araujo-Lama, MSc, PhD;^a Serag Saleh, MD;^b Yu Tung Lo, MD;^c Shannon Mommsen,^a Alessandra Pisano,^a Rania A Mekary, MSc, PhD;^{a,d} **Adomas Bunevicius**, MD, PhD^{d,e,f} Laser interstitial thermal therapy for the treatment of primary and metastatic brain tumors: A meta-analysis
13. Apurva Pande, MSc; Nayan Lamba, MD; Marco Mammi, M.D.; Paulos Gebrehiwet, PhD; Alyssa Trenary, Pharm.D; Joanne Doucette, MS; Stefania Papatheodorou, MD, PhD; Adomas Bunevicius, MD, PhD; Timothy R. Smith, MD, PhD, MPH; Rania A. Mekary, PhD, MSc, MSc. Endoscopic Third Ventriculostomy versus Ventriculoperitoneal Shunt in Pediatric and Adult Population: A Systematic Review and Meta-analysis. Neurosurgical Review
14. Buneviciene I, Mekary Rania, Smith Tim, JP Ornella, **Bunevicius A.** mHealth interventions for cancer patients: systematic review and meta-analysis.
15. Kaminskaite, Jokubka Bunevicius. pistatic effect of dopamine receptor D2 and catechol-o-methyltransferase single nucleotide polymorphisms on risk for alcohol use disorder in Lithuanian population. *Nordic Journal Of Psychiatry*
16. Kaminskaite, Jokubka, Pranckeviciene, Bunevicius. SURPS validation in Lithuania
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22. Adomas Bunevicius, MD, PhD,¹ Mohand Suleiman MD,¹ Samir Patel, MD FRCPC DABR,² Roberto Martínez Alvarez, PhD, MD,³ Nuria E. Martínez Moreno, PhD, MD,³ Roman Liscak, MD,⁴ Jaromir Hanuska, MD,⁴ Anne-Marie Langlois, MD,⁵ David Mathieu, MD,⁵ Christine Mau MD,⁶ Catherine Caldwell BS,⁶ Leonard C. Tuanquin MD,⁶ Brad E. Zacharia MD,⁶ James McInerney MD,⁶ Cheng-chia Lee, MD, PhD,⁷ Huai-che Yang, MD,⁷ Jennifer Peterson, MD,⁸ Daniel Trifiletti, MD,⁸ Akiyoshi Ogino MD, PhD,⁹ Hideyuki Kano MD, PhD,⁹ L Dade Lunsford MD,⁹ Ronald E. Warnick MD,¹⁰ Anissa Saylany BA,¹¹ Love Y. Buch BS,¹¹ Ben A. Strickland MD, ¹² Gabriel Zada MD,¹² Eric L. Chang MD, ¹² Jason Sheehan MD, PhD¹ Stereotactic radiosurgery for treatment of radiation induced meningiomas: multi-institutional study. Neuro-Oncology.
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In preparation articles/projects:

1. Gamma Knife for ocular metastases (submitted data; Ayel Niranjan)
2. Gamma Knife for NF2 (submitted data)
3. Periopic meningiomas (Mohanad, Adomas)
4. GK for brainstem mets and AVMs (Harrison, David)
5. AVM dose rate (Alexandria, Adomas)
6. Nelson syndrome (Bunevicius, Vance, Sheehan)
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8. GKRS for high grade meningiomas
9. iMRI systematic review (Rania)
10. PCC systematic review (Rania)

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66. Dainauskas L, Juškienė A, Gečaitė J, Burkauskas J, **Bunevičius A**, Saudargienė A. Internet delivered Mindfulness program reduces students' anxiety and depression symptom severity: Pilot Study. XI International Conference of Lithuanian Neuroscience Association BEHAVIOURAL MEDICINE AND NEUROPLASTICITY. Kaunas, Lithuania, November 29, 2019.
67. Lita Araujo-Lama, Serag Saleh, Yu Tung Lo, Shannon Mommsen, Alessandra Pisano, Rania A Mekary, **Adomas Bunevicius**. Laser interstitial thermal therapy for the treatment of primary and metastatic brain tumors: A meta-analysis 2019 BWH/Harvard CNOC Symposium, Boston, Massachusetts, October 9, 2019
68. Shun Yao, MD, Einat Liebenthal, PhD, Parikshit Juvekar, **Adomas Bunevicius**, Matthew Vera, BS, Laura Rigolo, MS, Alexandra J Golby, MD, Yanmei Tie, PhD. Sex Difference in Language Processing in Patients With Malignant Brain Tumors *Neurosurgery*, Volume 66, Issue Supplement_1, September 2019, nyz310_507, https://doi.org/10.1093/neuros/nyz310_507
69. Shun Yao, Einat Liebenthal, Parikshit Juvekar, Adomas Bunevicius, Matthew Vera, Laura Rigolo, Alexandra J Golby, Yanmei Tie The Role of Sex in Language Processing in Neurological Brain Tumor Patients. *ANNALS OF NEUROLOGY* 2019; 86:S239-S239
70. Pranckeviciene A, Saudargiene A, Delytyva V, Tamasauskas A, **Bunevicius A**. QOLP-16 - Distressed (D type) personality, preoperative psychological distress, cognitive functioning, quality of life, and treatment outcomes of glioma patients: prospective study. *Neuro-Oncology*, Volume 21, Issue Supplement_6, November 2019, Page NP, <https://doi.org/10.1093/neuonc/noz175>
71. Parsons MW, **Bunevicius A**, Dietrich J. QOLP-38 - Patient reported outcomes in glioma: the role of IDH mutation on quality of life and mood. *Neuro-Oncology*, Volume 21, Issue Supplement_6, November 2019, Page NP, <https://doi.org/10.1093/neuonc/noz175>

PRESENTATIONS

Poster

1. Validation of the Hospital Anxiety and Depression scale against the Mini International Neuropsychiatric Interview in population of primary care patients. *American Psychosomatic Society 64th Annual Meeting*, Denver, Colorado, March 1-4, 2006.
2. The Vulnerability to Stress in Medical Students: an Association With Mood Symptoms and Personality Traits. *4th ISPNE Regional Congress for Eastern and Central Europe "Stress and Psychoendocrine Changes Across the Life Cycles"*, Vilnius, Lithuania, June 15-17, 2006.
3. Symptoms of Anxiety and Depression with Relation to Personality Traits in Medical Students. *4th ISPNE Regional Congress for Eastern and Central Europe "Stress and Psychoendocrine Changes Across the Life Cycles"*, Vilnius, Lithuania, June 15-17, 2006.
4. Medical Students and Humanitarian Students: Personality Traits and Their Influence on Symptoms of Depression and Anxiety. *III World Lithuanians' Psychologists' Conference*, Vilnius, Lithuania, June 21-23, 2006.
5. Symptoms of anxiety and depression in medical students: relationship with Big-Five personality dimensions and vulnerability to stress. *American Psychosomatic Society 65th Annual Meeting*, Budapest, Hungary, March 7-10, 2007.
6. Does stress during pregnancy predict anthropometric characteristics of the neonates? *American Psychosomatic Society 66th Annual Meeting*, Baltimore, Maryland, USA, March 12-15, 2008.
7. Meningiomas manifesting as psychiatric disorders: Four case reports. *XXVI CINP Congress*, Munich, Germany, 13-17 July, 2008.
8. Anthropometric characteristics of neonates: impact of antenatal maternal stress, depression, anxiety and personality. *21st ECNP Congress*, Barcelona, Spain, 30 August – 3 September, 2008.
9. Depression and body mass index in primary care patients: Impact of gender. *9th World Congress of Biological Psychiatry*, Paris, France, 28 June – 2 July, 2009.
10. Vulnerability to stress in medical students is associated with mood symptoms and personality traits. *American Psychosomatic Society 68th Annual Meeting*, Portland, Oregon, USA, March 10-13, 2010.
11. Organic brain lesions in the left temporal lobe and symptoms of schizophrenia: three cases. *American Psychosomatic Society 68th Annual Meeting*, Portland, Oregon, USA, March 10-13, 2010.

12. Migraine with aura in PMDD women: association with history of sexual abuse. *American Psychosomatic Society 69th Annual Meeting*, San Antonio, Texas, USA, March 9-12, 2011.
13. Symptoms of Depression in Brain Tumor Patients: Association With Health Related Quality of Life and Personality Traits. *American Association of Neurological Surgeons 79th Annual Scientific Meeting*, Denver, Colorado, USA, April 9 -13, 2011.
14. Depressive symptoms in coronary artery disease patients: association with neuro-endocrine factors. *24th ECNP Congress*, Paris, France, September 1 – 5, 2011.
15. Depression, anxiety and delirium are associated with thyroid axis function in brain tumor patients. *24th ECNP Congress*, Paris, France, September 1 – 5, 2011.
16. The association of thyroid hormones with menstrually related mood disorder, sexual abuse histories and mood symptoms. *The joint 15th International Congress of Endocrinology and 14th European Congress of Endocrinology*, Florence, Italy, May 5-9, 2012
17. Thyroid axis hormones and cortisol are associated with subjective fatigue in patients with coronary artery disease. *The joint 15th International Congress of Endocrinology and 14th European Congress of Endocrinology*, Florence, Italy, May 5-9, 2012.
18. Health related quality of life in brain tumor patients: association with mental distress. *2012 Annual Meeting of the Congress of Neurological Surgeons*, Chicago, Illinois, October 6-10, 2012.
19. Perioperative changes of thyroid hormone concentrations in brain tumor patients are associated with outcomes. *2012 Annual Meeting of the Congress of Neurological Surgeons*, Chicago, Illinois, October 6-10, 2012.
20. The association of metabolic syndrome and depression with mortality in a primary care population sample. *27th Congress of the European Congress of Neuropsychopharmacology*, Berlin, Germany, 18-21 October, 2014.
21. Low tri-iodothyronine concentration is associated with greater depressive and anxiety symptoms in brain tumor patients. *27th Congress of the European Congress of Neuropsychopharmacology*, Berlin, Germany, 18-21 October, 2014.
22. Laser interstitial thermal therapy for the treatment of primary and metastatic brain tumors: A meta-analysis 2019 BWH/Harvard CNOC Symposium, Boston, Massachusetts, October 9, 2019.

Invited presentations/Plenary lectures:

1. Endovascular treatment of carotid and vertebral arteries: the effect of technical factors on immediate and follow-up results. *Lithuanian Biomedical Students' and Young Scientists' Conference at Kaunas University of Medicine*, Kaunas, Lithuania, May 15th, 2008.
2. Behavioral Neurosurgery: From Patient to Data. *The 6th International Conference of the Lithuanian Neuroscience Association*. Vilnius, Lithuania, December 5, 2014.
3. Psychological distress in brain tumor patients. *XIVth Annual Scientific Conference in Memory of Doctor Habilitus Robertas Bunevicius: The Future of Psychoneuroendocrinology in Lithuania*. Palanga, Lithuania, April 24, 2014.
4. Patient reported outcomes in neurosurgery. Public lecture. Lithuanian University of Health Sciences. Kaunas, Lithuania, May 15, 2018
5. Advances of pituitary imaging. *Masterclass in endoscopic neurosurgery*. Brigham and Women's Hospital Department of Neurosurgery, Boston, Massachusetts, May 20, 2019.

Oral presentations

1. The effect of susceptibility to stress for academic achievements of students and response of cardiovascular system to an oral exam induced stress. *54th Student' Scientific Conference*, Riga, Latvia, May 13-14, 2005.
2. The relationship between depression and anxiety of students and their personality traits. *1st Baltic Sea Region Students' Scientific Conference in Medical Sciences*, Riga, Latvia, April 21-22, 2006.
3. Symptoms of depression and anxiety determine fatigue, but not physical fitness in patients with coronary artery disease. *2010 Heart-Brain Summit*, Las Vegas, Nevada, September 24, 2010.
4. Glucose metabolism in the penumbral areas: assessment with PET. *UNC/WU SPOTRIAS group meeting*. Biomedical Research Imaging Center, University of North Carolina at Chapel Hill, November 16, 2012.

5. Mental distress and patient centered outcomes in patients with coronary disease. *Public PhD degree defense ceremony*. Tilburg University, Tilburg, the Netherlands, November 21, 2012.
6. Greater high-sensitivity C-reactive protein and interleukin-6 concentrations are associated with greater mood and anxiety symptoms and worse cognitive functioning of acoustic neuroma patients. *European Skull Base Congress, 2016*. Berlin, Germany, May 27, 2016.
7. Prognostic Role of the Low Tri-Iodothyronine Syndrome in Brain Tumor Patients. Section on Tumors Session, *2017 Congress of Neurological Surgeons Annual Meeting*, October 7-11, in Boston, Massachusetts.
8. Prognostic Value of N-Terminal Pro-B-Type Natriuretic Peptide Concentration in Brain Tumor Patients: A 5-Year Follow up Study. Rapid Exchange Oral Presentations, *2017 Congress of Neurological Surgeons Annual Meeting*, October 7-11, in Boston, Massachusetts.
9. MR Elastography of brain tumors. *Golby lab meeting*. Brigham and Women's Hospital, Boston MA, October 11, 2019.

Grand round presentations at LUHS

1. Low T3 syndrome in brain tumor patients: research protocol. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, October 13, 2009.
2. Brain tumors manifesting as psychiatric disorders. *Grand Rounds*, Department of Surgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, November 21, 2009.
3. Research for surgeons. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, January 7, 2010.
4. Venous angioma: diagnosis and management options. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, February 6, 2010.
5. Errors in neurosurgical practice. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, March 1, 2010.
6. Decompressive Craniectomy for Treatment of Spontaneous Intracerebral Hemorrhage. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, November 14, 2013.
7. The Barrow Ruptured Aneurysm Trial. *Grand Rounds*, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, March 23, 2014.

8. Image Guided Neurosurgery for Brain Tumors. Grand Rounds, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, June 24, 2014.
9. STICH II trial. Grand Rounds, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, September 28, 2014.
10. Stress in (neuro)surgery. Grand Rounds, Department of Neurosurgery, Lithuanian University of Health Sciences, Kaunas, Lithuania, December 15, 2014

RESEARCH GRANTS/PROJECTS

Submitted (2018-2019):

1. HEALTH-IT: OVERCOMING THE HEALTH AND IT BREACH. Partneriai: Biocat, La Fundació Bioregio de Catalunya (BIOCAT); Eurasanté (EURASANTE); Agence Bruxelloise pour L'Accompagnement de L'Entreprise (BAV); BIOM Biotech Cluster Development GMBH (BIOM); NV Brabantse Ontwikkelings Maatschappij Holding BV (BOM); Turku Science Park OY AB (TSCP); Consiglio Nazionale delle Ricerche (CNR); Wedo Project Intelligence Made Easy SL (WEDO); Information Technology in Medicine Association (ITM); NV Brabantse Ontwikkelings Maatschappij Holding BV (BOM). Horizons 2020 programme.
2. DIGITAL-PHENOTYPING ASSESSMENT IN NEURO-ONCOLOGY OF GLIOBLASTOMA. UNIVERSITA DEGLI STUDI DI PADOVA IT; LIETUVOS SVEIKATOS MOKSLU UNIVERSITETAS LT; THE BRIGHAM AND WOMEN'S HOSPITAL INC US; ICOMETRIX NV BE; HARVARD GLOBAL RESEARCH AND SUPPORT SERVICES INC.; ACADEMISCH ZIEKENHUIS LEIDEN NL; AZIENDA OSPEDALIERA DI PADOVA IT; PROIT LT; EUROPEAN CANCER PATIENT COALITION. Horizons 2020 programme.
3. The HappyMum project: *Resolving the first 1000 days mental health paradox: An evidence-based implementation handbook for improving maternal and child health* Tilburg university; University of Copenhagen; Lithuanian University of health Sciences; Mount Sinai Hospital. Horizons 2020 programme.

Current:

1. Title: The prognostic value of miRNA classifier as a novel tool for prediction of glioma patient outcome and response to therapy (P-MIP-17-151). Role: Investigator. Funding source: Lithuanian Research Council (PI, Vaitkiene). Study period: 09/01/2017 – 03/30/2020.
2. Title: Cost Action CA16207 Problematic Internet Use. Role: Management Committee member. Funding source: European Commission, COST program. Period: 2017-2021.
3. Title: Health-related quality of life in patients with hydrocephalus. Study period: 01/09/2016 – 01/04/2017. Budget: 3000 Euro. Funding source: Faculty of Medicine of the LUHS (Master thesis of medical student Valentina Kopustaite).
4. Title: Neuroendocrine predictors of traumatic brain injury patients. Study period: 01/09/2016 – 01/04/2018. Budget: 3000 Euro. Funding source: Faculty of Medicine of the LUHS (Master thesis of medical student Agne Andriuskeviciute).
5. Title: The association of psychological and biological factors with outcomes after brain tumor surgery. Role: PI. Funding source: internal. Study period: 01/03/2014 – present.
6. Title: BioASQ: A challenge on large-scale biomedical semantic indexing and question answering. Funding source: European Commission's Seventh Framework Programme, Grant agreement #318652, National Library of Medicine of the National Institutes of Health under award number R13LM012214 and Google Funding period: 09/01/13-present. Role: Expert.
7. DEPRESSD project. Participant (PI Brett Thombs, McGill University)

Past:

1. Title: Psychological distress, inflammatory factors, brain natriuretic peptide and outcomes of patients with brain tumor (BRAINflame). Role: PI. Funding source: Lithuanian Research Council. Budget: 104.366 Euro. Study period: 01/07/2015 – 01/04/2018.
2. Title: OpenScienceLink: Open Semantically-enabled, Social-aware Access to Scientific Data. Funding source: European Commission's Seventh Framework Programme, Grant agreement #318652. Funding period: 05/29/12 – 01/06/16. Role: Expert.
3. Title: Gene-environment interaction linking low tri-iodothyronine syndrome with outcomes in cardiovascular disease patients (GET-VASC). Role: researcher. PI: Bunevicius, R. Funding source: European Commission and Lithuanian Science Council. Budget: 300.000 USD. Funding period: 01/2007 – 01/2015. Role: Investigator.

4. Title: Association between low-triiodothyronine syndrome and outcomes after brain tumor surgery (MIP-10315). PI: Deltuva PI. Funding source: Lithuanian Science Council. Budget: 40,000 USD. Funding period: 7/1/2010 – 12/1/2011. Role: Investigator.
5. Title: Depression, Estrogen Replacement, and Cardiovascular Health in the Perimenopause (R01MH087619-01A1). PIs: Girdler and Rubinow. Funding source: NIMH. Budget: 1,752,392 USD. Funding period: 8/1/2010 - 2/28/2015. Role: Investigator.
6. Title: Childhood Trauma in the Adrenergic and HPA-Axis Regulation and Symptoms of PMDD (R01MH51246). PI: Girdler. Funding source: NIMH. Budget: 431,766 USD. Funding period: 04/01/07 – 03/31/12. Role: Investigator.
7. Title: Menstrually Related Mood Disorders Screening Protocol: Women's Mood Disorders Program: Modeling Affective State Dysregulation. PI: Girdler. Funding source: The Foundation of Hope. Funding period: 07/12/06 – present. Role: Investigator.
8. Title: Stress Responses, Psychosocial Stress and Pain Sensitivity in African Americans. PI: Girdler. Funding source: NIMH. Funding period: 04/07/09 – 03/05/2012. Role: Investigator.
9. Title: Mindfulness Based Meditation in PMDD: A Feasibility Pilot Study. PI: Girdler. Funding source: internal. Funding period: 08/04/11 – 06/01/12. Role: Investigator.
10. Title: Detection of White Matter Changes by Diffusion Tensor Imaging in Patients with Non-Traumatic Supratentorial Hemorrhage. PI: Aucutt-Walter. Funding source: internal. Funding period: 11/04/09 – 01/06/13. Role: Investigator.
11. Title: Magnetic Resonance Imaging of Cerebral Hemodynamics in Patients with Carotid Artery Occlusion. PI: Powers. Funding source: internal. Funding period: 05/29/12 – 01/06/13. Role: Investigator.

MENTIONS IN POPULAR MEDIA

1. Brain Lesions Manifesting as Psychiatric Disorders: Eight Cases. *Primary Psychiatry*. Published: March 2008. Accessed (3/15/2013):
<http://www.primarypsychiatry.com/asp/articleDetail.aspx?articleid=1848>

2. Abused women appear to suffer cyclic disorder differently. *News and Observer*, Chapel Hill. Published: March 19, 2011. Accessed (3/10/2013):
<http://www.newsobserver.com/2011/03/19/1063719/abused-women-appear-to-suffer.html>
3. Relationship of Fatigue and Exercise Capacity with Emotional and Physical State in Patients With Coronary Artery Disease Admitted for Rehabilitation Program. *Medscape Today News*. Published: 2011. Accessed (3/10/2013):
http://www.medscape.com/viewarticle/749003_3
4. Hypothalamic-Pituitary-Thyroid Axis Function in Women With a Menstrually Related Mood Disorder: Association With Histories of Sexual Abuse. *PsychiatryNeurology.net*. Published: October 20, 2012. Accessed (3/15/2013):
<http://psychiatryneurology.net/tag/long-term-effects/page/2/>
5. Low T3 syndrome predicts unfavorable outcomes in surgical patients with brain tumor. *EurekaAlert, Surgical Products, BT Buddies, MedIndia., SiloBreaker. MedicalXpress, News-medical.net* (in Russian, Swedish, German, Dutch, Portugese, Italian, Spanish, French, Korean, Chinese, Japanese) Published: March 12, 2013. Accessed (3/15/2013):
http://www.eurekaalert.org/pub_releases/2013-03/jonp-lts030613.php
6. Thyroid function and cancer survival: Glioblastoma patients with low T3 were likely to have poor prognosis following surgery. *DailyRx News*. Published: March 13, 2013. Accessed (3/15/2013): <http://www.dailyrx.com/glioblastoma-patients-low-t3-were-likely-have-poor-prognosis-following-surgery>
7. Screening for anxiety disorders in patients with coronary artery disease. *MDLinx*. Published: March 21, 2013. Accessed (3/23/2013): <http://www.mdlinx.com/psychiatry/news-article.cfm/4505907>
8. For Patients Undergoing Brain Tumor Surgery, Low T3 Syndrome Found to be Biomarker of Poor Outcome; Clinical Implications, Though, Remain Unclear. *Oncology Times*. Online first. Published: May 27, 2013. Accessed (7/1/2013):
<http://journals.lww.com/oncology-times/blog/onlinefirst/pages/post.aspx?PostID=761>

