**Tijana Bojić, MD, PhD, Research Professor in Physiology and Applied Pathophysiology**



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**CURRICULUM VITAE**

Born on January 2nd 1974 in Belgrade, Yugoslavia.

2019-present: Acquired the Position of Research Professor in Physiology and Applied Pathophysiology.

2014: Acquired the position of Associate Research Professor in Physiology and Applied Pathophysiology.

2011- :Collaborates on project of Ministery of Science and Technological Developement of the Republic of Serbia “An integral study to identify the regional and environmental risk factors for the common noncommunicable diseases in the human population in Serbia” III41028, Head of the project Dr Dragan Alavantić, Senior Researcher.

2009-2011: Collaborates on project of Ministery of Science and Technological Developement of the Republic of Serbia “Development of new therapeutical methods in liver regeneration: the role of polyunsaturated fatty acids” OI 145071, Head of the project Dr Marija Glibetić, Senior Researcher.

2008-2009: Collaborates on project of Ministery of Science and Technological Developement of the Republic of Serbia OI 145062 , “The effects of brain stem and spinal cord structures on blood pressure and heart rate variability”, Head of the project Prof. Dr Nina Japundžić Žigon.

2007-2008: Collaborates on project of Ministery of Science and Technological Developement of the Republic of Serbia OI 145041, “Functional Electrical Therapy (FET) for motor patterns development after stroke”, Head of the project Dr Mirjana Popović.

2007: Acquired the position of Scientific Associate in Physiology.

2006-2007: Collaborates on project of Ministery of Science and Technological Developement of Republic of Serbia OI 145029 B, “Developement of the animal models of epilepsy and testing of convulsive and anticonvulsive substances” Head of the project Ass. Prof. Dr Olivera Stanojlović.

2004-2005: Collaborates with Department of Human and General Physiology in Bologna, on the scientific project “Central and regional neural control during sleep-wake cycle: effects of ambiental simuli”, with tutor Prof. Pierluigi Lenzi.

2003: Defends PhD thesis entitled “Mechanisms of neural control and effects of acoustic stimulation on cardiovascular system during the wake-sleep cycle”, tutor Prof. Carlo Franzini.

2002: Visiting Scientist at Ritchie Centre for Baby Health Research, Monash Medical Centre, Melbourne (Australia) under a supervision of Prof. Adrian Walker.

2001: Attribution of biannual Research Contract of University of Bologna for the project entitled “Neural control of central and regional circulation during the sleep-wake cycle”.

2000-2003: PhD course in Applied Physiology and Pathologic Physiology (Dottorato di Ricerca in Fisiologia Applicata e Fisiopatologia) University of Bologna, tutor Prof. Carlo Franzini.

***University studies***

1998-1999: Completed obligatory practice and obtained professional habilitation after The State exam.

1998: Graduation in Medicine, obtained with GPA 9,71/10.

1995: One moth stay at the Department of Human and General Physiology, University of Bologna, participating in the student exchange program of International Federation of Medical Student’s Association (IFMSA).

1992: Entered closed number course of Medical School of Belgrade, University of Belgrade. During university studies visited:

a) Institute of Anatomy, participating in the research activity of the Laboratory of Neuroanatomy;

b) Clinic for Psychiatry and Neurology for Children and Youth, being involved in work and research in the field of neurology of developing age.

**Seminars**

2012: “Circadian rhythms, sleep and metabolism”, Institut of Nuclear Sciences Vinča (January 18th).

“Programs of population genetic screening: major principles, techniques, praxis and politics“, Laboratory for Radiobiology and Molecular Genetics-Laboratory 080, Institute of Nuclear Sciences Vinča (November 29th).

2011: “Mechanisms of neural cardiovascular regulation and effects of acoustic stimulation during the wake sleep cycle”, Laboratory for Radiobiology and Molecular Genetics-Laboratory 080, Institute of Nuclear Sciences Vinča (May 12th).

„DNA polymorphisms in gene and genome wide association studies in autonomic nervous system diseases” , Institut of Nuclear Sciences Vinča (September 15th).

2002: “Central and peripheral mechanisms of cardiovascular regulation during sleep” at the Department of Human and General Physiology, University of Bologna (April 19th).

“Effects of acoustic stimulation on the cardiovascular regulation during sleep”, Department of Human and General Physiology, University of Bologna (November 8th).

**Recognitions and scholarships**

2020: Federation of European Neuroscience Societies (**FENS**) **voucher** and Serbian Neuroscience Society (**SNS**) **grant** for participation at FENS Virtual Forum 2020 July 11-15.

2015: **MRC Institute of Hearing Research Early Career Award** for the abstract “M1 targeted vagus nerve stimulation-new therapeutical approach for chronic tinnitus?” by Bojić T, Senćanski M, Perović V and Glišić S. , sent to be presented on 10th International Tinnitus Research Initiative Conference and 1st EU COST action (TINNET) Conference. Tinnitus: subtypes, mechanisms and interventions, 16-18th March 2016, Nottingham, UK.

2012: Article Kalauzi A, Vuckovic A, Bojić T. EEG alpha phase shifts during transition from wakefulness to drowsiness. Int J Psychophysiology 2012; 86:195-205. is chosen as an article of special interest for the progress in the field of Psychology. It is enlisted as **Key Research Article Psychology Progress series** (<http://psychologyprogress.com/eeg-alpha-phase-shifts-during-transition-from-wakefulness-to-drowsiness/>).

2009: Article Kalauzi A, Bojic T, Rakic Lj. Extracting complexity waveforms from one-dimensional signals. Nonlinear Biomedical Physics 2009,3:8 was **one of 10 the most accessed articles** of on-line journal Nonlinear Biomedical Physics in September 2009.

2003-2005: Attribution of biannual **Research Contract of University of Bologna** for the project entitled “Neural control of central and regional circulation during the sleep-wake cycle”.

2002: Attribution of a **Travel Grant** from European Sleep Research Society for the participation at XVI Congress of the society, Reykjavik, June 2002.

2001-2003: Attribution of biannual **Research Contract of University of Bologna** for the project entitled “Neural control of central and regional circulation during the sleep-wake cycle”.

2000: **Scholarship of the Ministry of Foreign Affaires of Republic of Italy** (March - August 2000; renewed from February to June 2001).

1994: **Scholarship of the Foundation of Republic of Serbia for Development of Young Talents in Science and Arts**, assigned annually till the graduation.

1994, 1995, 1996 and 1997: **Recognitions of School of Medicine University of Belgrade** for the excellent results obtained in the acquisition of exam program.

**Membership in scientific societies**

2019: Member of ALBA network- Women and diversity in Brain Science (<http://www.alba.network/about-us>)

2012: Member of Association of Italian and Serbian Scientists and Scholars (*AIS3*)

2009: Member of *Serbian Medical Society (SMS)*. Member of the Organizing board of *Serbian Autonomic Society (SAS),* Serbian Medical Society.

2008: Member of *Society for Neurosciences of Serbia (SNS).*Member of *Federation of European Neuroscience Societies (FENS)*.

**Invited lectures**

2019: **Bojić T,** Cavanaugh DP, Chittur KK, Senćanski M, Perović VR and Glišić S.Central mechanisms of chronic subjective tinnitus and in silico proposals for tinnitus treatment. Symposium of special interest. FENS Regional Meeting Belgrade 2019. July 10th-13th 2019.

2019: **Bojić T**, Perović VR, Senćanski M and Glišić S. Common molecular mechanism of the hepatic lesion and the cardiac parasympathetic regulation in chronic hepatitis C infection: a critical role for the muscarinic receptor type 3. 12th Anniversary of Protein & Peptide Conference, PepCon-2019 will be held during June 14-16, 2019, in Beijing, China.

2018: **Bojić T**, Perović VR, Senćanski M and Glišić S. *In silico* insightsfor therapeutic targeting of autonomic nervous system in classical neurocardiovascular diseases (neurogenic hypertension, vasovagal syncope) and in raising pathologies complicated by dysautonomic impact (chronic hepatitis C and chronic tinnitus). Joint Meeting The 10th International Symposium on Neurocardiology NEUROCARD 2018 The 9th International Symposium on Noninvasive Electrocardiology, Belgrade October 12th-13th, 2018.

**Lectures**

2019: **Bojić T,** Cavanaugh DP, Chittur KK, Senćanski M, Perović VR and Glišić S.Central mechanisms of chronic subjective tinnitus and in silico proposals for tinnitus treatment. Symposium of special interest. FENS Regional Meeting Belgrade 2019. July 10th-13th 2019.

2019: **Bojić T**, Perović VR, Senćanski M and Glišić S. Common molecular mechanism of the hepatic lesion and the cardiac parasympathetic regulation in chronic hepatitis C infection: a critical role for the muscarinic receptor type 3. 12th Anniversary of Protein & Peptide Conference, PepCon-2019 will be held during June 14-16, 2019, in Beijing, China.

2017: **Bojić T**. “Physiological bases of sleep-neurobiology, regulation of sleep-wake cycle and phases of transition”, November 2nd, 2017, Vinča tribina, Institute of nuclear sciences Vinča, University of Belgrade.

2015: **Bojić T**. “COST action BM1306 TINNET Better understanding of heterogeneity of tinnitus aiming to improvement and development of new therapy”, February 24th, Scientific Committee of Serbian Medical Society, Serbian Medical Society, Belgrade.

2014: **Bojić T**. "Health and natural catastrophes", October 3rd, 2014, Kolarac People's University, Institution of culture of National importance, Belgrade.

2014: **Bojić T**. "Sleep disturbances and their influences on cardiovascular diseases and stroke", May 27th, 2014, Vinča tribina, Institute of nuclear scineces Vinča, Belgrade.

2012: **Bojić T**. "Genetic polymorphisms of cardiovascular autonomic nervous system pathophysiological states“ March 16th, 2012, Serbian Medical Society, Serbian Autonomic Society (SAS), Belgrade.

2008: **Bojić T**. “Estimation of baroreflex function in different behavioral modes: sleep and stress. December 13th, 2008, Serbian Medical Society, Serbian Autonomic Society (SAS), Belgrade.

**Reviews**

Reviewer for

2020: - Current Gene Therapy (Ref. BMS-CGT-2020-45)

2018: - Neuroscience Letters (Ref. NSL-18815)

 - Neuroscience Letters (Ref. NSL-18717R1)

2017: - Physiological Measurements (Ref. PMEA-102267)

 - Psychophysiology (Ref. PsyP-2017-0390)

2016: - Neuroscience Letters (Ref: NSL-16196R2)

2015:

* + Neuroscience Letters (Ref:NSL-15-534)
	+ Journal of Neural Engineering (Ref: JNE-100823)
	+ Physiological Measurements (Ref: PMEA-100953)

2014:

* Physiological Measurements (Ref: PMEA-100110)

2013:

* Computational and Mathematical Methods in Medicine (ms 251638),
* Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy (Submission ID: 34416),
* Neuroscience Letters (Ms. No. NSL-13-610)
* Neuroscience Letters (Ms. NSL-13-1001)

2012:

* Journal of Neural Engineering (Ref: JNE/430174/PAP/287375),
* Neuroscience Letters (Ref: NSL-12-1083).

**Editor**

2020-present: Review Editor for Frontiers for Young Minds - Understanding Neuroscience.

2018-present: Editor of the special issue in Frontiers in Neuroscience: Cardiorespiratory coupling-novel insights for integrative biomedicine. Co Editors: Prof. Andreas Voss and Dr Maurizio Acampa. Organizational work underway.

2016, February 1st: Associate Editor of Frontiers in Neuroscience: Autonomic Neuroscience.

2015, April 15th: Guest Associate Editor of Frontiers in Physiology: Autonomic Neuroscience, Frontiers in Neurology: Autonomic Neuroscience and Frontiers in Neuroscience: Autonomic Neuroscience.

Editor of the special issue in Frontiers in Neuroscience: Neurocardiovascular diseases-new aspects of the old issues (IF 3,7) (Co-editors Prof Dr Antonio M. Esquinas and Prof. Dr Tarek Francis Antonios) .

**Cytations**

The publications of Dr Bojić are cited 293 times, h index 9 (source Scopus, July 2020)

**Organization of international meetings**

2019: FENS Regional Meeting Belgrade 2019. July 10th-13th 2019. **Symposium of special interest. Symposium title:** Tinnitus, an interdisciplinary puzzle: new insights on etiology, pathophysiology, diagnostics and therapy. **Organizers:** Tijana Bojić, University of Belgrade, Winfried Schlee, University of Regensburg. **Speakers:**

1. Dr Christopher Cederroth, Department of Physiology and Pharmacology (FYFA), Biomedicum, Laboratory of Experimental Audiology, Solnavägen 9, 171 77 Solna, Sweden: ***Nature versus Nurture: Genetic Considerations in the Development of Tinnitus***
2. Dr Tijana Bojić, Laboratory for radiobiology and molecular genetics 080, P.O. Box 522, Institute of Nuclear Sciences Vinča, University of Belgrade, 11000 Belgrade,Serbia: ***Central mechanisms of chronic subjective tinnitus and in silico proposals for tinnitus treatment***
3. Dr Haúla Haider, ENT Department, Hospital Cuf Infante Santo - NOVA Medical School, Travessa do Castro, 3. 1350-070 Lisbon, Portugal: ***Evidence for biological markers of tinnitus: a systematic review***
4. Jorge Simoes, PhD candidate, Klinik und Poliklinik für Psychiatrie und Psychotherapie
der Universität Regensburg am Bezirksklinikum, Universitätsstraße 84,93053 Regensburg: ***Momentary Assessment of Tinnitus - How Smart Mobile Applications advance our Understanding of the Neuroscience of Tinnitus***

2009: Member of the Board of the International Symposium on Neurocardiology NEUROCARD October 1-3rd.

**International collaboration**

2014-2018 : Member of MC (for Serbia) of COST BM1306 TINNET: Better Understanding the Heterogenity of Tinnitus to Improve and Develop New Treatments. Member of Steering Committee of the COST Working Group 1 (Clinical).

 <http://www.cost.eu/COST_Actions/bmbs/BM1306?management>

**Pedagogic work**

2019-present: Mentor of outschool scientific activities of M.S., student of Third Belgrade Lycium. Participation and Third Prise Award on 63. State Competion of Talented Highschool Students, June 27th 2020.

2018-present: Mentor of PhD thesis of engineer master Zoran Matić „ Investigation of interaction of heart rate and respiratory rate during physiological perturbations of respiration“.

2015: Member of the Commission for PhD for doctoral dissertation of Dr Ana Kapidžić named „Temporal and freqiency cardiorespiratory synchronization“ (Mentors Dr Mirjana Platiša, Institute for biophysics, School of Medicine University of Belgrade and Dr Aleksandar Kalauzi, Deparment of Life Sciences, Institute for multidisciplinary research University of Belgrade).

2015: President of the Commission for research title election of Dr Stefan Mandić Rajčević.

**Coordination of International Research Projects**

2019: Principal Investigator of the project of US foundation Cure Within Reach® "Hybrid repurposed antiepileptic device and pharmacotherapy: novel approach in the treatment of Ménière’s disease and chronic subjective tinnitus". Project under the evaluation.

**Coordination of National Research Projects**

2019: Principal investigator of the project of the University of Belgrade, Center for transfer of technology “Hybrid repurposed antiepileptic device and pharmacotherapv-novel approach in treatment of Ménière’s's disease”. Project under the evaluation.

**Collaborator in the National Research Projects (Republic of Italy and Republic of Serbia)**

2011-: Project of Ministery of Science and Technological Developement of the Republic of Serbia “An integral study to identify the regional and environmental risk factors for the common noncommunicable diseases in the human population in Serbia” III41028, Head of the project Dr Dragan Alavantić, Senior Researcher.

2009-2011: Project of Ministery of Science and Technological Developement of the Republic of Serbia “Development of new therapeutical methods in liver regeneration: the role of polyunsaturated fatty acids” OI 145071, Head of the project Dr Marija Glibetić, Senior Researcher.

2008-2009: Project of Ministery of Science and Technological Developement of the Republic of Serbia OI 145062, “The effects of brain stem and spinal cord structures on blood pressure and heart rate variability”, Head of the project Prof. Dr Nina Japundžić Žigon.

2007-2008: Project of Ministery of Science and Technological Developement of the Republic of Serbia OI 145041, “Functional Electrical Therapy (FET) for motor patterns developement after stroke”, Head of the project Dr Mirjana Popović.

2006-2007: Project of Ministery of Science and Technological Developement of Republic of Serbia OI 145029 B, “ Developement of the animal models of epilepsy and testing of convulsive and anticonvulsive substances” Head of the project Ass. Prof. Dr Olivera Stanojlović.

2003: Biannual project of Fundamental Oriented Research ex quota 60%, entitled ”Anaerobic brain methabolism during the wake-sleep cycle”, Head of the project Associate Professor Giovanna Zoccoli.

2001: Interuniversity project of the Ministry of Instruction, University and Research (ex quota 40%) of Republic of Italy, entitled” Neuronal and metabolic processes that characterize sleep and wakefulness”, Head of a project Prof. Carlo Franzini.

 Biannual project of Fundamental Oriented Research ex quota 60%, entitled ”Permeability of haematoencephalic barrier during the sleep-wake cycle”, Head of the project Prof. Carlo Franzini.

**Organization of International collaboration**

2013: Coordinator of the Commission for International Collaboration INN Vinča

**Organization of national research bodies**

2018-present: Vice president of the Commission for scientific grandstand of Institute of Nuclear Sciences Vinča University of Belgrade.

2015-present: Member of Ethical committee of Institute of nuclear sciences Vinča University of Belgrade.

**Teaching activity**

2009: Lectures for the PhD course “Laboratory techniques and functional investigation of orofacial organs”, School of Dentistry University of Belgrade.

2004: Academic lessons of the Course in Physiology, Bc.S in Biotechologies (Medicine), University of Bologna.

2002: Exercises of the Course of Physiology for students of Bc. S in Biotechnologies (Medicine), University of Bologna.

 Member of the Exam Commission “Anatomical and physiological fundamentals of psychical activity”, Bc. S in Psychology, University of Bologna. Member of the Exam Commission “Seminar of neurophysiology”, Bc. S in Psychology, University of Bologna.

2001: Course of Human Physiology I, Bc. S in Biomedical Engineering, University of Bologna.

**Languages**

Mother tongue Serbian. Speaks fluently Italian and English language (1992: Test of English as a Foreign Language (TOEFL) total score 600. 1994: Fullbright Alumni Association of Yugoslavia Michigan Test of English Language Proficiency written test score 92/100, interview 25/25).

**Publication list**

1. Zoccoli G, Andreoli E, **Bojić T**, Cianci T, Franzini C, Predieri S, Lenzi P. Central and baroreflex control of heart rate during the wake-sleep cycle in rat. Sleep 2001; 24(7): 753-758.

# Silvani A, Bojić T, Cianci T, Franzini C, Lodi CA, Predieri S, Zoccoli G, Lenzi P. Effects of acoustic stimulation on cardiovascular regulation during sleep. Sleep 2003; 26(2):201-5.

1. Silvani A, **Bojić T**, Cianci T, Franzini C, Lenzi P, Lucchi ML, Zoccoli G. Brain capillary perfusion in the spontaneously hypertensive rat during the wake-sleep cycle. Exp Brain Res 2004;154: 44-49.
2. Silvani A, **Bojić T**, Franzini C, Lenzi P, Walker AM, Grant DA, Wild J, Zoccoli G. Sleep related changes in the regulation of cerebral blood flow in newborn lambs. Sleep 2004; 27(1):36-41.
3. [Silvani A](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Silvani+A%22%5BAuthor%5D), [Asti V](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Asti+V%22%5BAuthor%5D), [**Bojić T**](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Bojic+T%22%5BAuthor%5D), [Ferrari V](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Ferrari+V%22%5BAuthor%5D), [Franzini C](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Franzini+C%22%5BAuthor%5D), [Lenzi P](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Lenzi+P%22%5BAuthor%5D), [Grant DA](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Grant+DA%22%5BAuthor%5D), [Walker AM](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Walker+AM%22%5BAuthor%5D), [Zoccoli G](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&term=%22Zoccoli+G%22%5BAuthor%5D). Sleep-dependent changes in the coupling between heart period and arterial pressure in newborn lambs. Pediatr Res. 2005 Jan;57(1):108-114.
4. [Silvani A, Asti V, Berteotti C, **Bojić T**, Cianci T, Ferrari V, Franzini C, Lenzi P, Zoccoli G.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15758946&query_hl=6&itool=pubmed_docsum) Sleep-related brain activation does not increase the permeability of the blood-brain barrier to glucose. J Cereb Blood Flow Metab. 2005 Aug;25(8):990-997.
5. **Bojić T**, Šaponjić J, Radulovacki M, Carley D, Kalauzi A. Monotone signal segments analysis as a novel method of breath detection and breath to breath interval analysis in rat. Resp Physiol Neurobiol 2008; 161:273-280.
6. Kalauzi A**, Bojić T,** Rakić Lj. Extracting complexity waveforms from one-dimensional signals. Nonlinear Biomedical Physics 2009,3:8 doi:10.1186/1753-4631-3-8.
7. **Bojić T,** Vuckovic A, Kalauzi A. Modeling EEG Fractal Dimension Changes in Wake and Drowsy States in Humans-a preliminary study. Journal Theor Biol 2010;262(2):214-222. doi: 10.1016/j.jtbi.2009.10.001
8. Bajić D, Lončar-Turukalo T, Stojičić S, Šarenac O, **Bojić T**, Murphy D, Paton JFR and Japundžić Žigon N. Temporal analysis of the spontaneous baroreceptor reflex during mild emotional stress. Stress 2010;13(2):142-154.
9. Bjelakovic B, Ilic S, Chouliaras K, Milovanovic B, Vukomanovic V, **Bojić T**, Bjelakovic L, Zaharov T. Heart rate variability in children with exercise induced idiopathic ventricular arrhythmias. Pediatr Cardiol 2010;31(2):188-194.
10. **Bojić T,** Radak Đ, Putniković B, Alavantić D and Isenović ER. Methodology of monitoring cardiovascular regulation: Baroreflex and central mechanisms of cardiovascular regulation. Vojnosanit Pregl 2012,69(12):1084-1090. doi:10.2298/VSP110707019B
11. Kalauzi A, Vuckovic A, **Bojić T**. EEG alpha phase shifts during transition from wakefulness to drowsiness. Int J Psychophysiology 2012; 86:195-205. DOI:10.1016/j.ijpsycho.2012.04.012.

 **(Chosen as being of special interest to the progress in the Psychology field. As such, it was listed as the Key Research Article of the Psychology Progress series)**

1. Kalauzi A, **Bojić T**, Vuckovic A. Modeling the relationship between Higuchi's fractal dimension and Fourier spectra of physiological signals. Medical & Biological Engineering & Computing 2012, 50(7):689-699. DOI:10.1007/s11517-012-0913-9.
2. **Bojić T**, Sudar E, Mikhailidis DP, Alavantić D, Isenović ER.The role of G protein

coupled receptor kinases in neurocardiovascular pathophysiology. Arch Med Sci 2012; 8, 6: 970-977. doi: 10.5114/aoms.2012.32466.

1. **Maravic-Stojkovic V, Lausevic-Vuk Lj, Jovic M, Filipovic M, Bojić Milinović T, Stojkovic B, Isenovic RE and Djukanovic B.** Levels of Presepsin and Midregion-Proadrenomedullin in Septic Patients with End-Stage Renal Disease after Cardiovascular Surgery: 1-Year Follow Up Study. J Clin Exp Cardiolog 2014, 5:307. doi: 10.4172/2155-9880.1000307.
2. Jovanović Ćupić S, Glišić S, Stanojević M, Vasiljević N, **Bojić Milinović** **T**, Božović A, Dimitrijević B. Response factors to pegylated interferon-alpha/ribavirin treatment in chronic hepatitis C patients genotype 1b. Arch Biol Sci 2014, 66(1):193-201. doi: 10.2298/ABS1401193J
3. Veljković V, Glišić S, Veljković N, **Bojić T**, Dietrich U, Perović VR, Colombatti A. Influenza vaccine as prevention for cardiovascular diseases: possible molecular mechanism.Vaccine 2014, 32(48):6569-6575. doi: 10.1016/j.vaccine.2014.07.007. Epub

2014 Jul 19.

1. Kapidžić A, Platiša MM, **Bojić T**, Kalauzi A. RR interval-respiratory signal waveform modeling in human slow paced and spontaneous breathing. Respir PhysiolNeurobiol. 2014, 36(12):1577-1584. doi:10.1016/j.medengphy.2014.08.007. Epub 2014 Sep 4. Aug 17.
2. **Bojić T**. Nesanica kao fakor rizika za kardiocerebrovaskularne bolesti. Engrami časopis za kliničku psihijatriju psihologiju i granične discipline 2014, 36 (1-2): 31-34.
3. Kapidžić A, Platiša MM, **Bojić T**, Kalauzi A. Nonlinear properties of cardiac rhythm and respiratory signal under paced breathing in young and middle-aged healthy subjects. Med Eng Phys. 2014,203:51-59. doi: 10.1016/j.resp.2014.08.004. Epub 2014 Aug.

1. **Bojić T**, Milovanović B, Jovanović-Ćupić S. Genetic polymorphisms of neurocardiovascular disorders. Arch Med 2015, 7(2):5.

1. Kalauzi A, Vuckovic A, **BojićT**. Topographic distribution of EEG alpha attractor correlation dimension values in wake and drowsy states in humans. International Journal of Psychophysiology 2015, 95(3):278-291. DOI: 10.1016/j.ijpsycho.2014.11.008.
2. **Bojić T**, Perović VR, Glišić S. *In Silico* Therapeutic Candidates for Neurogenic Hypertension and Vasovagal Syncope. Front Neurosci 2016, 9: 520. doi: 10.3389/fnins.2015.00520
3. Platiša MM, **Bojić T**, Pavlović SU, Radovanović NN, Kalauzi A. Generalized Poencaré plots-a new method for evaluation of regimes in cardiac neural control in atrial fibrillation and healthy subjects. Front Neurosci 2016 02;10. [doi: 10.3389/fnins.2016.00038](http://dx.doi.org/10.3389/fnins.2016.00038).
4. Glišić S, Cavanaugh DP, Chittur KK, Sencanski M, Perovic VR and **Bojić T**. Common molecular mechanism of the hepatic lesion and the cardiac parasympathetic regulation in chronic hepatitis C infection: A critical role for the muscarinic receptor type 3. BMC Bioinformatics 2016,17:139 DOI: 10.1186/s12859-016-0988-7.
5. Platiša MM, **Bojić T**, Pavlović SU, Radovanović NN, Kalauzi A. Uncoupling of cardiac and respiratory rhythm in atrial fibrillation. [Biomed Tech (Berl).](https://www.ncbi.nlm.nih.gov/pubmed/?term=Boji%C4%87+T+AND+uncoupling) 2016 Dec 1;61(6):657-663. doi: 10.1515/bmt-2016-0057
6. **Bojić T**, Perović V, Senćanski M, Glišić S. [Identification of Candidate Allosteric Modulators of the M1 Muscarinic Acetylcholine Receptor Which May Improve Vagus Nerve Stimulation in Chronic Tinnitus](https://loop.frontiersin.org/publications/50268593). Front Neurosci: Autonom Neurosci 2017, Nov 14; <https://doi.org/10.3389/fnins.2017.00636>
7. Kalauzi A, Vučković A, **Bojić T**. [New complexity measures reveal that topographic loops of human alpha phase potentials are more complex in drowsy than in wake](https://loop.frontiersin.org/publications/50269056).Medical and Biological Engineering and Computing 2017,DOI: 10.1007/s11517-017-1746-3.
8. Matić Z, **Bojić T**. Acupuncture, autonomic nervous system and biophysical origin of acupuncture system. Vojnosanitetski pregled Military-medical and pharmaceutical review, January 2018, DOI 10.2298/VSP170818016M
9. Haider HF, **BojićT**, Ribeiro SF, Paço J, Hall DA, Szczepek AJ. Pathophysiology of subjective tinnitus: triggers and maintenance. Front Neurosci 2018, 12:866. DOI: 10.3389/fnins.2018.00866
10. Boban Stanojević, Mirjana Đukić\*, Ivana Stevanović, Milica Ninković, Ana Đurić, Borko Gobeljić, Milan Apostolović, Ana Pantelić, Goran Zebić, Lidija Todorović, **Tijana Bojić**, Kiril Savovski. Zeolite pretreatment accomplishes partial brain radioprotective role by reducing iron and oxidative / nitrosative stress in rats. Hrana i ishrana (Beograd). 2018;59(1):26-32.
11. **Bojić T**. Editorial: Neurocardiovascular Diseases: New Aspects of the Old Issues. Front Neurosci. 2019 Jan 11;12:1032. **doi: 10.3389/fnins.2018.01032**.
12. Platiša MM, **Bojić T**, Mazić S, Kalauzi A. Generalized Poincaré plots analysis of heart period dynamics in different physiological conditions: Trained vs. untrained men. PLoS One. 2019 Jul 5;14(7):e0219281. **doi: 10.1371/journal.pone.0219281**.
13. **Bojić T**, Senćanski M, Perović V,Glišić S. *In silico* screening of Zinc Database of Natural Products for 5HT6 Receptor Antagonists to Cure Alzheimer Disease. J Biomol Struct Dynam 2019, *submitted*.
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