

CURRICULUM VITAE**Jelena Radulovic, M.D., Ph.D.****PERSONAL INFORMATION**

Name: Jelena Radulovic (née Veljic)
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Citizenship: Serbia, USA
Languages: fluent in English, Serbian, solid German, Italian, French

EDUCATION**GRADUATE**

1981-1987 M.D., Faculty of Medicine, University of Belgrade, Serbia
1987-1988 Internship, School of Medicine, University of Belgrade, Serbia

POSTGRADUATE

1988 Medical Practitioner License, Ministry of Health, Serbia
1990 M.S. Thesis: "Modulation of immune responsiveness after administration of enkephalins into the rat lateral brain ventricles", School of Pharmacy, University of Belgrade, Serbia
1993 Ph.D., Thesis: "Changes of beta-endorphin during immune and autoimmune responses", School of Medicine, University of Belgrade, Serbia

POSTDOCTORAL

1996-1999 Department of Molecular Neuroendocrinology, Max Planck Institute for Experimental Medicine, Göttingen, Germany

FACULTY APPOINTMENTS

1994-1997	Assistant Professor, “Immunology Research Center Branislav Jankovic”, Belgrade, Serbia
1997-1999	Associate Professor, “Immunology Research Center Branislav Jankovic”, Belgrade, Serbia
1996-1999	Senior Staff Scientist, Department of Molecular Neuroendocrinology, Max Planck Institute for Experimental Medicine, Göttingen, Germany
2000-2004	Group Leader (C3) appointed by the Max Planck Society, Max Planck Institute for Experimental Medicine, Göttingen, Germany
2004-2007	Assistant Professor, Department of Psychiatry and Behavioral Sciences, and Department of Molecular Pharmacology, Northwestern University, Feinberg School of Medicine, Chicago, USA
2007-2012	Associate Professor Department of Psychiatry and Behavioral Sciences, and Department of Molecular Pharmacology, Northwestern University, Feinberg School of Medicine, Chicago, USA
2012-2020	Dunbar Professor, Department of Psychiatry and Behavioral Sciences, and Professor, Department of Pharmacology, Department of Physiology, Northwestern University, Feinberg School of Medicine, Chicago, USA
2020-present	Professor, Dominick P. Purpura Department of Neuroscience, Department of Psychiatry and Behavioral Sciences, Director, Psychiatry Research Institute at Montefiore Einstein (PRIME), Bronx, NY
2020-present	Professor, Department of Biomedicine, Aarhus University, Aarhus, Denmark

ACADEMIC ADMINISTRATION

2004-2008	Advisory Committee for Northwestern University Institute for Neuroscience (NUIN) graduate students, Northwestern University
2006-present	Behavioral Phenotyping Core Advisory Committee, Feinberg School of Medicine, Northwestern University
2008-2013	Northwestern University Animal Care and Use Committee
2008-present	Departmental Grand Rounds Committee
2008-2013	Departmental Promotion and Tenure Committee
2010-2011	NUIN Advisory Committee, Northwestern University
2011-present	Research Cores Committee, Feinberg School of Medicine
2012, 2013, 2017	Ad-hoc Northwestern University Promotion and Tenure Committee (Chair)
2013	Pharmacology Chair Search Committee, Feinberg School of Medicine
2013- present	Limited Submission Grant Proposal Review Committee, Feinberg School of Medicine
2017-present	Neurobiology, Physiology, Anesthesiology Faculty Search Committees
2019-present	Research Integrity Committee

AWARDS, HONORS, DISTINCTIONS

1987-1989	Fellowship from the Ministry of Science and Technology of the Republic of Serbia for postgraduate studies in the “Immunology Research Center Branislav Jankovic”, Belgrade, Serbia
1991-1992	FIDIA Fellowship, visiting scientist in the group of Professor Alberto E. Panerai, Institute of Pharmacology, School of Medicine, University of Milano, Milano, Italy
2004-2012	Dunbar Scholar, Feinberg School of Medicine, Northwestern University
2005-2006	Searle Fellowship for Teaching Excellence, Northwestern University
2011	Visiting Professor, School of Medicine, Belgrade University, Belgrade, Serbia
2013	Visiting Professor, School of Pharmacy, European University, Novi Sad, Serbia
2013	Installed as the Dunbar Professor of Psychiatry and Behavioral Sciences, Feinberg School of Medicine, Northwestern University
2016	Visiting Professor, Xuzhou Medical University, Jiangsu, China
2016	Presenter, Herrenhausen Symposium “The Future of Psychiatry”, Hannover, Germany
2018	Elected Member of the Molecular and Cellular Cognition Society (MCCS) Council
2020	Lundbeck Professor of Neuroscience

PROFESSIONAL AND SCIENTIFIC SERVICE**EDITORIAL**

2009-2015	Associate Editor, The Journal of Neuroscience
2009-2015	Editor, British Journal of Pharmacology
2011-present	Editor, Behavioral Neuroscience
2013	Guest Editor for Neurobiology of Learning and Memory: Special Issue on Fear Extinction
2013-present	Senior Editor, Neurobiology of Learning and Memory
2018-present	Hippocampus

REVIEWING**Journals**

Behavioral Brain Research, Behavioral Neuroscience, Biological Psychiatry, Brain Research, Hippocampus, Journal of Neurochemistry, Journal of Neuroscience, Learning and Memory, Molecular Psychiatry, Nature Neuroscience, Neurobiology of Learning and Memory, Neuron, Neuropsychopharmacology, Neuroscience, Pharmacological Research, Physiology and Behavior, Psychological Reviews, Psychopharmacology

Funding Agencies

National

Permanent member:

2012-2014

NIH Study Section Learning and Memory

2021-2025

NIH Study Section Pathophysiological Basis of Mental Disorders and Addictions (PMDA)

PMDA

Ad hoc member:

Post-Traumatic Stress Disorder Research Program, Department of Defense

NIH Study sections: Learning and Memory, Mechanisms of Emotion, Stress and Health, ZRG1 IFCN-A (58)R, ZRG1 IFCN-H (02)M, ZMH1 ERB-L (02), ZRG1 BBBP-J 51, ZRG1 BBBP-J, NRSA Fellowships, Learning, Memory and Decision Neuroscience (LMDN), Auditory System Study Section (AUD), Program grants for Silvio O. Conte Centers for Basic or Translational Mental Health Research, Fogarty International Grants, BRAIN Initiative;

International

US-Israel Binational Science Foundation, Israel Science Foundation, Wellcome Trust (UK), Medical Research Council (UK), French National Research Agency "Blanc SVSE 4", European Research Council, French National Research Agency, Swiss National Science Foundation

Scientific ProgramsAd-hoc Member of the NIMH Program Board of Scientific Counselors
Member of the Evaluation Committee for the 2011 State Natural Science Award of the People's Republic of China
Program Review for the Max Planck Society
Program Review for Dandrite, Denmark**Society Memberships**

1996-present

Society for Neuroscience

2003-present

Molecular and Cellular Cognition Society

2010-present

British Pharmacological Society

MENTORING

THESIS SUPERVISION

- M.S. Theses: Cedo Miljevic (1994); D. Djergovic (1995); Jelena Antic (1996); Vesna Kovacevic-Jovanovic (1996); Vesna Vujic (1996); Tanja Miletic (1999); Stanislava Stanojevic (2001), all at University of Belgrade, Serbia.
- Ph.D./M.D. Theses: Zorica Mancev (1996, now Professor at the University of Nis, Serbia), Thesis: "Modulation of Immune Responses by Leucine-Enkephalin".
 Andre Fischer (2002, University of Göttingen, Germany, 2003 Georg-August University Award for outstanding doctoral thesis). Thesis: "Role of Cdk5 in Associative Learning".
 Farahnaz Sananbenesi (2003, University of Göttingen, Germany), Thesis: "Role of CRF receptor subtypes in stress-enhanced fear conditioning".
 Michael Donnan (2012, Northwestern University), Thesis: "Modulation of memory by NMDA receptors of the retrosplenial cortex".
 David Sanders, (2013, Northwestern University), Thesis: "Role of microRNAs in fear regulation".
 Yomayra Guzman (CLIMB Fellow; Neurobiology of Information Storage Fellow; NRSA award 2010-2013; Thesis: "Oxtr receptors in the Modulation of Fear by Social Interactions".
 Katie Leaderbrand (Neurobiology of Information Storage Training Grant Fellow; Northwestern University Presidential Fellow).
- Postdocs: Andre Fischer (Professor, European Institute for Neuroscience, Göttingen, Germany).
 Farahnaz Sananbenesi (Humboldt Fellow; senior staff scientist, European Neuroscience Institute, Göttingen, Germany).
 Can Gao (NARSAD Young Investigator Award 2010-2011, now professor at Department of Biochemistry, Xuzhou Medical University, China).
 Natalie Tronson (NIH training award K99/R01), Assistant Professor at the University of Michigan.
 Ivana Mesic (Deutsche Forschungsgemeinschaft Fellow)
 Kevin Corcoran (NIH NU-START Fellow)
 Vladimir Jovasevic (Davee Fellow)
 Yuan Han (Fellow of the National Natural Science Foundation of China)
 Ana Cicvaric (FWF Erwin Schrödinger Fellowship)

TEACHING

- 1995 Instructor, Institute for Neuroscience, University of Belgrade, Serbia
- 1995-1996 Instructor, Postgraduate Program in Neuropsychiatry, School of Medicine, University of Belgrade, Serbia
- 1997-2000 Director, PhD seminar series, Department of Neuroendocrinology, Max Planck Institute for Experimental Medicine, Göttingen, Germany
- 2006-present Co-director, "Neuropharmacology of Brain Disorders", Northwestern University

2007-present	“Animal models of anxiety”, Feinberg School of Medicine, Northwestern University
2008-present	“Cellular and Molecular Mechanisms of Information Storage”, Northwestern University
2008-present	“Great Experiments in Molecular and Developmental Neuroscience” course, Northwestern University
2011-2012	Director, “Behavioral and Systems Neuroscience”, Fundamentals of Neuroscience, Northwestern University
2013-present	Director, Neuropharmacology Fundamentals Program, School of Pharmacy, European University, Novi Sad, Serbia. Fundamentals of Neuropharmacology, Xuzhou Medical University, Xuzhou, China
2019	Neuronal Actions of Psychotropic Drugs, Sagar, India, One-week course funded by the Global Initiative of Academic Networks (GIAN)

RESEARCH GRANTS

ACTIVE FUNDING

R01 MH078064 (Radulovic, PI)	2021-2026
NIH/NIMH: Mechanisms of Stress-Enhanced Aversive Conditioning	
R01 MH108837 (Radulovic, PI)	2021-2026
NIH/NIMH: Hippocampal-Cortical Mechanisms of Context Memory	
2019261 (Richter-Levin-PI, Radulovic, Co-PI)	2020-2025
BSF: MicroRNA-based mechanisms of stress resilience	
R310-2018-3611(Radulovic, PI)	2020-2026
Lundbeck Foundation grant	
R01NS112292 (Martina-PI, Radulovic, Co-I)	2020-2025
NIH: Modulation of the Prefrontal Cortical Network in Neuropathic Pain	
R01NS115508 (Prakriya- PI, Radulovic, Co-I)	2020-2025
NIH/NINDS: Regulation of synaptic plasticity and cognitive functions by store-operated Orail channels	

COMPLETED FUNDING

5T32MH067564 (Radulovic, PI)	2018-2023
NIH/NIMH: Training Program in Neurobiology of Information Storage	

- P50 DA044121-01A1 Project 3 (Radulovic, PI) 2018-2020
Contribution of MCL memory circuits to opioid seeking in chronic pain
NIH/NIDA: Center for chronic pain and drug abuse (Apkarian, Center PI)
Shaw Family Award (Radulovic, PI) 2018-2019
Sex-specific roles of Hippocampal oxytocin receptors
- R01MH114923 (Kessler-PI, Radulovic-Co-I) 2019-2024
NIH/NIMH: BMP Signaling and Neurogenesis in Major Depressive Disorders
- R21MH098793 (Radulovic, PI) 2014-2017
NIH/NIMH: Preclinical and Patient Studies of Affective Disorders in Serbia
- Ken and Ruth Davee Award for Innovative Investigations in 2013-2015
Affective Disorders (Radulovic, PI)
Imaging the Rodent Default Mode Network During
Depression-Like Behavior
- R01 MH-073669 (Radulovic, PI) 2006-2012
NIH/NIMH: Hippocampal Mechanisms of Fear Extinction
- Ken and Ruth Davee Award for Innovative Investigations in
Affective Disorders (Radulovic, PI) 2011-2012
Dysregulation of affective processes by microRNAs
- NARSAD (Gao, PI) 2010-2011
Role of IQGAP proteins in dendritic morphology and signaling:
Relevance for anxiety and depression
Role: Mentor
- R01 AA13452 (Redei, PI) 2007-2011
NIH/NIAAA: Prenatal Alcohol: Hormone-Regulated Genes & Behavior
Role: Co-Inv
- R21 MH077234 (Redei, PI) 2006-2009
NIH/NIMH: Molecular Markers of Chronic Stress Vulnerability/Resilience
Role: Co-Inv
- R01 DA021870 (Dubocovich, PI) 2007-2012
NIH/NIDA: Modulation of Methamphetamine Actions in the CNS
Role: Co-Inv
- Psychoneuroimmunology (Radulovic, PI) 1996-1998
Ministry of Science of the Republic of Serbia

INVITED LECTURES AND CHAIRED SYMPOSIA

KEYNOTE SPEAKER

- 2000 "CRFR2 deficiency differentially affects fear conditioning and spatial learning", 2nd Symposium on The molecular basis of learning and memory", Berlin, Germany
- 2001 "The complex ways of CRF modulating memory", 13th Annual Meeting, Winter Conference on Neuronal Plasticity, Antigua, Antigua and Barbuda
- 2002 "Role of Cdk5 in stress-modulated learning", 14th Annual Meeting, Winter Conference on Neuronal Plasticity, Moorea, French Polynesia
- 2002 "Logic rules in the hippocampus: A basis for persistence and reduction of conditioned fear", 3rd Symposium on The Molecular Basis of Learning and Memory", Berlin, Germany
- 2006 "Molecular determinants of emotional behavior: Lessons from genetic mouse models", DePaul Law Review Symposium, Family Relationships, Biology and the Law, DePaul University, Chicago, Illinois
- 2012 "Glutamate receptor complexes in stress-enhanced fear". Conference Frontiers in Stress and Cognition: From Molecules to Behavior", Ascona, Italy
- 2012 "Glutamatergic regulation of fear". Society of Neurosciences of Serbia, Belgrade, Serbia
- 2012 "Preclinical studies on post-traumatic stress syndrome (PTSD): Molecular mechanisms and novel treatment options." Educational Symposium on Anxiety Spectrum Disorders, Belgrade, Serbia
- 2015 "Fear regulation within the extended hippocampal circuit", Chicago Chapter of the Society for Neuroscience, Chicago, Illinois.
- 2016 "Pathways to Fear". Pathways and Crossroads of Psychiatry. XV Congress of Serbian Psychiatric Association.

INVITED PRESENTATIONS

- 2000 "Role of CRF receptor types in fear and anxiety", University of Belgrade, Serbia
- 2000 "The balance between CRF receptors 1 and 2 is critical for fear conditioning", 30th Annual Meeting of the International Society for Psychoneuroendocrinology, Melbourne, Australia
- 2002 "Role of Cdk5 in associative learning", University of Hamburg, Germany
- 2003 "Extinction of conditioned fear: Learning or unlearning?" Institute for Brain Research, University of Bremen, Germany
- 2004 "Molecular Mechanisms of Learning and Memory", School of Medicine, University of Hannover, Germany
- 2004 "Cytoskeletal rearrangement in fear extinction", Department of Pharmacology, University College London, UK
- 2005 "Molecular mechanisms of acquired fear", Department of Physiology, University College London, UK
- 2007 "Extinction of Fear: Relationship to Anxiety and Depression", Grand Rounds, Department of Psychiatry and Behavioral Sciences, Feinberg School of Medicine, Northwestern University
- 2007 "Molecular Mechanisms of Fear Extinction", Cognitive Neurology and Alzheimer's Disease Center", Northwestern University
- 2008 "Hippocampal Mechanisms of Fear Extinction", Winter Conference on the Neurobiology of Learning and Memory, Symposium "Regional Mechanisms of Fear Extinction", Park City, Utah.

- 2009 “Molecular Mechanisms of Fear Regulation”, Max Planck Institute for Brain Research, Frankfurt, Germany.
- 2009 “Molecular Specificity of Hippocampal Processes Regulating Fear Extinction”, University of Wisconsin, Milwaukee.
- 2010 “Enhancement of Fear by Stress: A role of mGluR5, UNE, Puerto Rico.
- 2010 “Hippocampus in the Extinction Circuit”, Guest Speaker, MCCS-Puerto Rico Conference.
- 2011 “The Molecular Basis of Fear”, Guest Speaker, School of Medicine, University of Belgrade, Serbia.
- 2011 “The role of NMDA Receptor Complexes in Mental Processes”, Department of Anatomy, University of Belgrade, Serbia.
- 2011 “Protein Kinase Signaling in Conditioning and Extinction of Fear” Guest Speaker, Pavlovian Society Meeting, Milwaukee, Wisconsin.
- 2011 “IQGAP/NMDAR complexes in cognition”. The annual meeting of the Molecular and Cellular Cognition Society, Washington DC.
- 2012 “Glutamatergic mechanisms of fear regulation”. Conference on Stress and Cognition, Ascona, Switzerland.
- 2012 “Preclinical studies on post-traumatic stress syndrome (PTSD): Molecular mechanisms and novel treatment options”. XL Educational Symposium of the Psychiatric Clinic of the Clinical Center of Serbia—Anxiety Spectrum Disorders, Belgrade, Serbia.
- 2012 “Glutamate scaffolds in fear and memory”. Institute for Biological Research “Sinisa Stankovic”, Belgrade, Serbia.
- 2013 Neurobiology of PTSD, University of Chicago, Illinois.
- 2013 “NMDAR mechanisms of learning and memory”, Department of Neurology, University of Belgrade, Serbia.
- 2013 “Cholinergic mechanisms of fear regulation”, XIV International Symposium on Cholinergic Mechanisms, Hangzhou, China.
- 2013 “Specificity of glutamate signaling via protein scaffolds”, Xuzhou Medical College, Xuzhou, China.
- 2013 “Modulation of fear by social interactions”, *4th ONWAR Course in Behavioral Neuroscience: In vivo Phenotyping of Mutant Rodents: Integrating Neural Activity, Neurochemistry, Heart Rate and Behavior*, VU University Amsterdam, The Netherlands.
- 2013 “Memory-enhancing microRNA”, 45th Meeting of the European Brain and Behavior Society, Munich, Germany.
- 2013 “Cortical mechanisms of memory retrieval” Guest Speaker, Pavlovian Society Meeting, College Station, Texas.
- 2014 “Oxytocin receptor regulation of social interactions “ 26th Annual Meeting of the Winter Conference on Neuronal Plasticity, Vieques Island, USA.
- 2014 “Oxytocin as mediator of social stress” 2014 Neurobiology of Stress Workshop, Cincinnati, Ohio.
- 2014 “Molecular and circuit mechanisms of state-dependent fear(s)” Wellcome Trust Centre for Neuroimaging, University College London, UK.
- 2014 “Role of the Oxytocin System in Social Memory”, Marquette University, Milwaukee, Wisconsin.

- 2015 “Modulation of Distinct Social Behaviors by Septal Neurotransmission”, Department of Psychiatry, University of Puerto Rico, San Juan, Puerto Rico
- 2015 “Regulation of state-dependent fear by micro RNAs.” University of Haifa, Israel.
- 2015 “Neuronal basis of distinct social behaviors”, Rosalind Frankland University, Chicago, Illinois.
- 2015 “A Mouse Model of Dissociative Disorder”. Grand Rounds in Psychiatry, Loyola Medical School, Chicago, Illinois.
- 2016 “Gaba-ergic Mechanisms of Fear”. Grand Rounds in Psychiatry, University of Chicago, Chicago, Illinois.
- 2016 “Pathways to Fear” Department of Biology, University of Vienna, Vienna, Austria
- 2016 “Encoding Fear in Different Brain States” Department of Biology, University of Virginia, Charlottesville, Virginia.
- 2016 “Learned Fear Linked to GABAergic Brain States” Department of Biology, University of Oregon Health Sciences, Portland, Oregon
- 2016 “Neurobiology of State-Dependent Fear”, Department of Anesthesiology, Xuzhou Medical University, Jiangsu, China
- 2016 “Encoding Stress-Related Memories in Different Brain States”, Department of Anatomy and Neurobiology, University of California, Irvine
- 2017 “State-Dependent Processing of Stress-Related Memories”, Department of Pharmacology, National University of Singapore, Singapore
- 2017 “Oxytocin effects on social and fear memory systems require interaction with inhibitory transmission”, University of Regensburg, Germany
- 2017 “miR-33 regulates GABAergic mechanisms of fear-inducing memories, 30th ECNP Congress of Applied and Translational Neuroscience, Paris, France
- 2018 “The neurobiology of Stress-related memories”, Lake Forest College, Lake Forest, IL, USA
- 2018 “Distinct mechanisms of encoding different components of episodic memories”, 30th WCNP Annual Meeting, Curacao
- 2018 “Gabaergic Mechanisms of State-Dependent Memories”, 90th Midwestern Psychological Association, Chicago, IL, USA
- 2018 “Hippocampal-Cortical Mechanisms of Memory”, The Scripps Institute, Jupiter FL
- 2018 “Memory Processing in Hippocampal-Cortical Circuits”, 2018 Annual Meeting of the Pavlovian Society, Iowa City, IA, USA.
- 2019 “Neurobiology of stress-related memories, Aarhus University, Denmark.
- 2019 “Circuit mechanisms underlying processing of different of episodic memory components”, 31st Annual Meeting of the Winter Conference on Neuronal Plasticity (WCNP), Moorea, French Polynesia.
- 2019 “Processing spatial and temporal associative memories”, Loyola University, Chicago, IL, USA.
- 2019 “Processing Memories in Hippocampal-Cortical Circuits”, National University of Singapore, Singapore
- 2019 “State-dependent memory processing”, University of Tokyo, Tokyo, Japan
- 2019 “Molecular and circuit mechanisms linking memory processing to affective disorders”, University of Iowa, Iowa City, IA, USA.
- 2019 “Oxytocin receptor-positive interneurons in the dentate gyrus link stress-related memories to social behavior”. FENS Regional Meeting, Belgrade, Serbia.
- 2020 “Role of hippocampal subcortical afferents in memory”, University of Auckland, Department of Neuroscience, New Zealand

- 2020 “Processing valence in memory circuits”, MCCA Workshop, Nadi, Fiji
2020 “Excitatory mechanisms underlying fear memory valence, Japanese Neurochemistry meeting, Tokyo, Japan

CHAired SYMPOSIA

- 2008 “Regional Mechanisms of Fear Extinction”, Winter Conference on the Neurobiology of Learning and Memory, Park City, Utah.
2008 Oral session III of the Annual meeting of the Molecular and Cellular Cognition Society, Washington, D.C.
2013 “Role of microRNA in behavioral plasticity”. 45th European Brain and Behaviour Society Meeting, Munich, Germany.
2014 “Central Mediators of Stress and Memory” 26th Annual Meeting of the Winter Conference on Neuronal Plasticity, Vieques Island, USA.
2015 “Molecular Mechanisms of Social Behavior”, FENS Regional Meeting, Thessaloniki, Greece.
2018 “Synaptic Plasticity and Memory”. 17th Annual MCCA Symposium, San Diego, CA.
2019 “Gaba-ergic control of neuronal plasticity in the hippocampal dentate gyrus: functional implications”. FENS Regional Meeting, Belgrade, Serbia.

COURSES

- 2019 “Acute to Chronic Pain Plasticity and Therapeutic Perspectives”, Neuroscience School of Advanced Studies, Venice, Italy.
2019 “Neuronal Actions of Psychotropic Drugs”, Global Initiative of Academic Networks, Dr. Harisingh Gour University, Sagar, India.

ABSTRACTS

Over 250 abstracts published in proceedings of international meetings

PUBLICATIONS

1. Maric D, **Veljic J**, Jankovic BD. Enkephalins and immunity: central effect on humoral immune reactions. **Int J Neurosci**, 1989, 48, 182.
2. **Veljic J**, Maric D, Jankovic BD. Enkephalins and immunity: central effect on cellular immune reactions. **Int J Neurosci**, 1989, 48, 167.
3. Maric D, **Veljic J**, Jankovic BD. Magnetic fields and immunity: effect on cellular immune response. **Int J Neurosci**, 1989, 48, 144.

4. Jankovic BD, Maric D, **Veljic J**. Cerebrally mediated modulation of anaphylactic shock by methionine-enkephalin. **Int J Neurosci**, 1990, 51, 193-194.
5. Ranin J, Maric D, **Veljic J**, Jankovic BD. Effects of micromagnetic fields applied to the brain on humoral immune response. **Period Biol**, 1990, 92, 77-78.
6. **Veljic J**, Maric D, Jankovic BD. The effect of intracerebroventricularly injected methionine-enkephalin on humoral immune response in the rat. **Period Biol**, 1990, 92, 73-74.
7. Jankovic BD, Maric D, **Veljic J**, Ranin J. The effect of micromagnetic fields applied to the brain on humoral and cell-mediated immune responses in the rat. **Int J Neurosci**, 1990, 51, 221-223.
8. Jankovic BD, Maric D, Ranin J, **Veljic J**. Magnetic fields, brain and immunity: effect on humoral and cell-mediated immune responses. **Int J Neurosci**, 1991, 59, 25-43.
9. Maric D, **Veljic J**, Ranin J, Jankovic B.D. *In vivo* effect of prothymosin-alpha 1 on humoral and cell-mediated immune responses in the young rat. **Int J Neurosci**, 1991, 59, 135-142.
10. Maric D, Jankovic BD, **Veljic J**. Immunostimulatory activity of prothymosin-alpha in senescence. **Ann NY Acad Sci**, 1991, 621, 148-158.
11. Jankovic BD, **Veljic J**, Pesic G, Maric D. Enkephalinase inhibitors modulate immune responses. **Int J Neurosci**, 1991, 59, 45-51.
12. **Veljic J**, Maric D, Jankovic BD. Changes of experimental allergic encephalomyelitis by methionine-enkephalin injected into lateral ventricles of the rat brain. **Int J Neurosci**, 1991, 59, 81-89.
13. **Veljic J**, Ranin J, Maric D, Jankovic BD. Modulation of cutaneous immune reactions by centrally applied methionine-enkephalin. **Ann NY Acad Sci**, 1992, 650, 51-55.
14. Jankovic BD, **Radulovic J**. Brain, enkephalins and immunity: modulation of immune responses by methionine-enkephalin injected into lateral ventricles of the rat brain. **Int J Neurosci**, 1992, 67, 241-270.
15. Manfredi B, Sacerdote P, Bianchi M, Locatelli L, **Veljic-Radulovic J**, Panerai AE. Evidence for an opioid inhibitory effect on T cell proliferation. **J Neuroimmunol**, 1993, 44, 43-48.
16. Jankovic BD, Hager ED, Jovanova-Nesic K, **Radulovic J**. Magnetoimmunology: effect of magnetic fields on the brain-pineal gland-immune system network. **J Oncol**, 1994, 26, 109-114.
17. Cupic V, Varagic VM, **Radulovic J**, Jankovic BD. The effect of 6-hydroxydopamine on plaque-forming cell response and hemagglutinin production in the rat. **Acta Veterinaria**, 1994, 44, 9-14.
18. Cupic V, Varagic VM, **Radulovic J**. The effect of 6-hydroxydopamine on the Arthus phenomenon and delayed hypersensitivity skin reactions to bovine serum albumin. **Acta Veterinaria**, 1994, 43, 303-308.
19. Cupic V, Pesic G, **Radulovic J**, Jankovic BD. Immunomodulation induced by intraperitoneal and intracerebroventricular injection of enkephalinase inhibitor des-tyrosine1-methionine-enkephalin, and abrogation of the effect by opioid antagonists naloxone and naltrexone. **Acta Veterinaria**, 1994, 44, 71-80.
20. Jankovic BD, **Radulovic J**. Quaternary naltrexone: its immunomodulatory activity and interaction with brain delta and kappa opioid receptors. **Immunopharmacology**, 1994, 28, 105-112.
21. **Radulovic J**, Djergovic D, Miljevic C, Jankovic BD. Kappa-opioid receptor functions: possible relevance to experimental allergic encephalomyelitis. **Neuroimmunomodulation**, 1994, 1, 236-241.
22. Panerai AE, **Radulovic J**, Monastra G, Manfredi B, Locatelli L, Sacerdote P. β -Endorphin concentrations in brain areas and peritoneal macrophages in rats susceptible and resistant to

- experimental allergic encephalomyelitis: a possible relationship between tumor necrosis factor α and opioids in the disease. **J Neuroimmunol**, 1994, 51, 169-176.
23. **Radulovic J**, Jankovic BD. Opposing activities of brain opioid receptors in the regulation of humoral and cell-mediated immune responses in the rat. **Brain Res**, 1994, 661, 189-195.
 24. Sacerdote P, Brini AT, Locatelli L, **Radulovic J**, Panerai AE. Tumor necrosis factor alpha differentially regulates beta-endorphin concentrations and proopiomelanocortin RNA in the anterior and neurointermediate pituitary in vivo. **Neuroimmunomodulation**, 1994, 1, 357-360.
 25. Cupic V, Varagic VM, **Radulovic J**. The effect of 6-hydroxidopamine on experimental allergic encephalomyelitis in the rat. **Acta Veterinaria**, 1995, 45, 19-24.
 26. **Radulovic J**, Miljevic C, Djergovic D, Vujic V, Antic J, von Hoersten S, Jankovic BD. Opioid receptor-mediated suppression of humoral immune response in vivo and in vitro: involvement of k opioid receptors. **J Neuroimmunol**, 1995, 57, 55-62.
 27. **Radulovic J**, Dimitrijevic M, Laban O, Stanojevic S, Vasiljevic T, Kovacevic-Jovanovic V, Markovic, BM. Effect of met-enkephalin and opioid antagonists on rat macrophages. **Peptides**, 1995, 16, 1209-1213.
 28. **Radulovic J**, Mancev Z, Stanojevic S, Vasiljevic T, Kovacevic-Jovanovic V, Pesic G. Modulation of humoral immune response by central administration of leucine-enkephalin: effects of m , d , and k opioid receptor antagonists. **J Neuroimmunol**, 1996, 65, 155-161.
 29. Antic J, Vasiljevic T, Stanojevic S, Vujic V, Kovacevic-Jovanovic V, Djergovic D, Miljevic C, Markovic BM, **Radulovic J**. Suppression of adjuvant arthritis by k opioid receptor agonist: effect of route of administration and strain differences. **Immunopharmacology**, 1996, 34, 105-112.
 30. Andrejevic S, Bukilica M, Dimitrijevic M, Laban O, **Radulovic J**, Kovacevic-Jovanovic V, Stanojevic S, Vasiljevic T, Markovic BM. Stress-induced rise in serum anti-brain autoantibody levels in the rat. **Int J Neurosci**, 1997, 89, 153-164.
 31. Sydow S, **Radulovic J**, Dauzenberg FM, Spiess J. Structure-function relationship of different domains of the rat corticotropin-releasing factor receptor. **Mol Brain Res**, 1997, 52, 182-193.
 32. Kovacevic- Jovanovic V, Laban O, Stanojevic S, Miletic T, Dimitrijevic M, **Radulovic J**. Changes in immunological and neuronal conditions markedly altered antibody response to intracerebroventricularly injected ovalbumin in the rat. **Neuroimmunomodulation**, 1997, 4, 181-187.
 33. Milanovic S, **Radulovic J**, Laban O, Stiedl O, Henn F, Spiess J. Production of the FOS protein after contextual fear conditioning of C57BL/6N mice. **Brain Res**, 1998, 784, 37-47.
 34. **Radulovic J**, Kammermeier J, Spiess J. Generalization of fear responses in C57BL/6N mice subjected to one-trial foreground contextual fear conditioning. **Behav Brain Res**, 1998, 95, 179-89.
 35. Spiess J, Dautzenberg FM, Sydow S, Hauger RL, Ruehmann A, Blank T, **Radulovic J**. Molecular properties of the CRF receptor. **Trends Endocrinol Metab**, 1998, 9, 140-145.
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