

General information

Name	Maja Jazvinščak Jembrek
Research position	Senior research associate
Research and teaching position	Assistant professor
Academic discipline	Biomedicine and health
Scientific field	Basic medical sciences
Branch of science	Neuroscience
Area(s) of research and interest	Prevention and therapy of neurodegenerative changes; Oxidative stress; Molecular neuropharmacology - mechanisms of action of neuropsychotropic drugs during prolonged administration and in stress
Researcher ID number	233712
Date and place of birth	May 8 th , 1972, Zagreb
Telephone	+385 1 457 12 68
E-mail	maja.jazvinscak.jembrek@unicath.hr

Research and teaching activities

Teaching activities

The Catholic University of Croatia	2012 - present	General Biology Biological Psychology I Biological Psychology II
Faculty of Science	2010 - present	Neuroimmunology

Research activities

Participation in scientific projects	2011-2013: Detection and tracking of biological markers for early therapeutic intervention in sporadic Alzheimer's disease; associate, funding source: Croatian Science Foundation
	2011-2013: Serotonergic neurotransmission: genes, proteins and behavior; associate, funding source: Croatian Ministry of Science, Education and Sports
	2007-2013: Stress, GABA _A receptors and mechanisms of action of neuropsychotropic drugs; associate, funding source: Croatian Ministry of Science, Education and Sports
	2002-2006: Neurotransmitters in stress and regulation of GABA receptors in vitro; associate, funding source: Croatian Ministry of Science, Education and Sports
Bibliography	1996-2002: Neuropharmacology of GABA and 5-HT system; associate, funding source: Croatian Ministry of Science, Education and Sports
	Authored book(s):
	Edited book(s): 1 Scientific paper(s) in journals: 24

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	Book chapter(s): 4 Professional paper(s):
Detailed bibliography	http://bib.irb.hr/lista-radova?autor=233712&lang=EN
Participation in scientific and professional conference(s)	National conference(s): 10 International conference(s): 13
Scientific awards	2001. Third Croatian congress of pharmacology – Young scientist oral presentation award
Membership in scientific associations	Croatian Society for Neuroscience Croatian Pharmacological Society International Union of Pharmacological Society (IUPHAR) Federation of European Neuroscience Societies (FENS) International Brain Research Organization (IBRO)

Education and work experience

Education

Academic degree	Ph.D. degree in Molecular and Cell Biology
Year	2007
Paper title	Adaptive changes of recombinant $\alpha_1\beta_2\gamma_{25}$ GABA _A receptors in cell culture after chronic exposure to flumazenil
Institution	Faculty of Science, University of Zagreb
Academic degree	M.Sc. degree in Molecular and Cell Biology
Year	2000
Paper title	Recombinant $\alpha_1\beta_2\gamma_{25}$ GABA _A receptors-a model for pharmacological studies
Institution	Faculty of Science, University of Zagreb
Academic degree	B.Sc. degree in Molecular Biology
Year	1996
Paper title	Microsatellite instability and loss of heterozygosity
Institution	Faculty of Science, University of Zagreb

Work experience

Period (from-to)	2012 - present
Employer	The Catholic University of Croatia
Position	Assistant professor
Field of work	Lecture: Biopsychology II and General biology
Period (from-to)	2009 - present
Employer	Rudjer Boskovic Institute



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Position	Research associate
Field of work	Research: Mechanisms, prevention and therapy of oxidative stress in neurodegeneration
Period (from-to)	1996 -2009
Employer	Rudjer Boskovic Institute
Position	Research assistant
Field of work	Research: GABA(A) receptors - cellular mechanisms of tolerance and dependence; pathophysiology of stress