

### PERSONAL INFORMATION

Jasenka Mrsic Pelcic

### WORK EXPERIENCE

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- December 2020- Present **Head of the Department of Pharmacology**  
Faculty of Medicine University of Rijeka (Croatia)
- October 2016- Present **Safety Working Party - member**  
European Medicines Agency (United Kingdom)
- May 2007- Present **Full Professor of Pharmacology and Toxicology, Scientific Advisor**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Head of Research Project; Neuroscience; Teaching- Pharmacology and Toxicology, Drug Toxicity
- January 2015- Present **Full Professor of Pharmacology and Toxicology, Scientific Advisor**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Vice-Dean for International Cooperation and Quality;  
Teaching- Pharmacology and Toxicology, Drug Toxicity  
Research Neuroscience; Neuropharmacology
- April 2002-May 2007 **Associate Professor**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Reasearcher, Scientific Collaborator, Neuroscience; Teaching - Pharmacology and Toxicology
- March 1997-April 2002 **Assistant Professor**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Reasearcher, Scientific Collaborator,Neuroscience; Teaching - Pharmacology and Toxicology
- March 1993-March 1997 **Assistant**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Reasearcher, Neuroscience; Teaching - Pharmacology
- July 1987-March 1993 **Medical Doctor, MD**  
School of Medicine, University of Rijeka, Department of Pharmacology (Croatia)  
Reasearch, Neuroscience; Teaching

### EDUCATION AND TRAINING

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- July 1995-March 1996 **Postdoctoral study-Neuroscience; Molecular Pharmacology**  
Department of Pharmacology and Therapeutics,McGill University, Montreal (Canada)  
Reasearch- Molecular Pharmacology, Neuroscience and Diabetes Projects
- July 1996-December 1996 **Postdoctoral study-Neuroscience; Molecular Pharmacology**  
Department of Pharmacology and Therapeutics,McGill University, Montreal (Canada)  
Reasearch- Molecular Pharmacology, Neuroscience and Diabetes Projects
- March 1998-September 1998 **Postdoctoral study-Neuroscience; Molecular Pharmacology**

- March 1992-May 1995 **Doctoral Study**  
School of Medicine, University of Rijeka (Croatia)  
Doctoral thesis in Neuroscience, PhD position
- October 1989-July 1992 **Postgraduate Study**  
School of Medicine, University of Rijeka (Croatia)  
Master of Science Degree in Neuroscience, MSc
- June 1989-July 1989 **Research Collaboration**  
Neuroscience Division, Pharmaceutical Company (Slovenia)  
Research Training, Neuroscience
- September 1981-October 1986 **Medicine Study**  
School of Medicine, University of Rijeka (Croatia)  
Medical Doctor, MD

## ADDITIONAL INFORMATION

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- Expertise**
- 2008 - present  
Agency for Medicinal Products and Medical Devices, (HALMED) Croatia  
External Member of Committee for Medicinal Products;  
Expert opinion on the efficacy and safety of medicinal products
- 2007 - present  
Head of research project 062-0620529-0518 Molecular Mechanisms of Ischemic Brain Damage and Neuroprotection
- 2002 - present  
Professor of Pharmacology and Toxicology; Drug Toxicology
- 1995 - present  
Collaborative research in different neuroscience projects, predominantly in the field of possible neuroprotective drugs in cerebral ischemia and stroke
- 2004 - 2007  
Coordinator: Brain Week in Rijeka, Croatia
- 2005 - 2008  
President of the Education Quality Control Committee at the School of Medicine, University of Rijeka
- 2006- present  
Member of the Education Quality Control Board for Biomedical Sciences at the University Rectors Office

- Publications**
1. Pilipovi K, upan , Dolenc P, Mri-Peli J, upan G.A single dose of PPAR agonist pioglitazone reduces cortical oxidative damage and microglial reaction following lateral fluid percussion brain injury in rats. *Prog Neuropsychopharmacol Biol Psychiatry*. 2015 Jan 9;59C:8-20. doi: 10.1016/j.pnpbp.2015.01.003
  2. Vitezi D, Mri-Peli J, Utjecaj lijekova na titnjau: transplacentarni prijelaz i djelovanje na fetus. *Gynaecol Perinatol* 2014; 23(Suppl.2): S26-S32
  3. Mri-Peli J, Pilipovi K, Peli G, Vitezi D, upan G. "Temporal and regional changes of superoxide dismutase and glutathione peroxidase activities in rats exposed to focal cerebral ischemia". *Cell Biochem Funct*, 2012; 30(7): 597-603
  4. Vitezic D, Madjarevic T, Gantumur M, Buble T, Vitezic M, Kovacevic M, Mri-Peli J, Sestan B.

- Outpatient drugs usage in Croatia during the eight-year period: influences of pricing policy changes". *Int J Clin Pharmacol Ther*, 2012; 50(7):483-489
5. Mri-Peli J, Pilipovi K, Vujić B, Peli G, Vitezi D, upan G. The influence of erythropoietin treatment on oxidative stress parameters in cortex of rats exposed to transient middle cerebral artery occlusion. *Period Biol* 2011; 113: 69-74
6. Pilipovi K, upan G, Dangubi B, Mri-Peli J, upan G. Oxidative stress parameters in different brain structures following lateral fluid percussion injury in the rat. *Neurochem Res* 2011; 36: 913-921
7. Peli G, Vitezi D, Mri-Peli J. Pharmacotherapy of glaucoma. *Farm Glas* 2011; 67 (5): 311- 327
8. Perkovi O, Vitezi D, Rude J, Vitezi M, Kovačević M, Mri-Peli J, Ljubii , Jurjević A. Sildenafil induced choreoathetosis in men with Parkinsons disease. *Int J Clin Pharmacol Ther* 2010; 48: 76-78
9. Vitezi D, Mri-Peli J, Drenski-Balija N. Similar Biological Medicinal Products- Legislation Modifications and Development. *Pharmaca* 2010; 48: 4-13
10. Vitezi D, Mri-Peli J, upan G, Vitezi M, Ljubii , Simoni A. Na<sup>+</sup>, K<sup>+</sup>-ATP-ase activity in the brain of the rats with kainic acid-induced seizures: influence of lamotrigine. *Psychiatr Danub* 2008; 20(3): 269-276
9. Mri-Peli J, Peli G, Vitezi D, upan G, Simoni A. Changes in the superoxide dismutase and Na<sup>+</sup>,K<sup>+</sup>-ATPase activities in the optic nerves and hippocampus of global cerebral ischemia-exposed rats. U: *New trends in brain hypoxia ischemia research*. Ur.: Eetu Hamalainen. Nova Science Publishers, NY, 2008; 279-293
10. Mri-Peli J, Peli G, Vitezi D, Ljubii , upan G, Simoni A. Activation of ERK and JNK MAP kinases in optical nerves of rats exposed to global cerebral ischemia. *Psychiatr Danub* 2008; 20(4): 456-460
11. Vitezi D, Matana Katelan Z, Buble T, Mri-Peli J, Rosović V, upan G, Simoni A. Antihypertensive drugs usage in Croatia. *Proceedings of the 8th Congress of the European Association for Clinical Pharmacology and Therapeutics*. Medimond, Amsterdam, The Netherlands 2007; 105-109
12. Peli G, egota I, Frković A, Tomašević L, Peli G, Mri-Peli J, Gjuran Cocha A. Organ transplantation and concepts of death. *Dru istra* 2007; 16(6): 1287-1304
13. Vitezi D, Burke T, Mri-Peli J, Mavri , Zaputović L, upan G, Simoni A. Characteristics of blood-pressure control in treated hypertensive patients in Croatia. *Blood Pressure* 2005; 14: 33- 41
14. Mri-Peli J, Peli G, Peternel S, Pilipovi K, Simoni A, upan G. Effects of the hyperbaric oxygen treatment on the Na<sup>+</sup>, K<sup>+</sup>-ATP-ase and superoxide dismutase activities in the optic nerves of global cerebral ischemia-exposed rats. *Prog Neuropsychopharmacol Biol Psychiatry* 2004; 28: 667-676
15. Mri-Peli J, Peli G, Vitezi D, Antoni I, Filipović T, Simoni A, upan G. Hyperbaric oxygen treatment: the influence on the hippocampal superoxide dismutase and Na<sup>+</sup>, K<sup>+</sup>-ATP-ase activities in global cerebral ischemia-exposed rats. *Neurochem Int* 2004; 44: 585-594
16. Vitezi D, Vukelić K, Mri-Peli J, upan G. Utjecaj lijekova na titnjau: transplacentarni prijelaz i djelovanje na fetus. U: *Bolesti titnjae u trudnoi*. Ur.: Djelmi J, Kusi Z, Ivančević M. Laserplus, Zagreb 2004: 105-115
17. Vitezi D, Mavri , Kneević A, Mri-Peli J, upan G. Pharmacotherapy in hypertension treatment: the importance of guidelines. *Medicina* 2004; 42(41): 207-216
18. Vitezi D, Mri-Peli J, upan G. Clinical drug investigation: clinical trial. *Medicina* 2004; 42(41): 177-180
19. Vitezi D, Mri-Peli J, epi-Grahovac D, Petrović O, upan G. Primjena antiepileptika u trudnoi. U: *Lijekovi u trudnoi i laktaciji*. Ur.: Djelmi J, Franceti I, Ivančević M. Grafing, Zagreb 2003: 77-84
20. Vitezi D, Mri-Peli J, upan G. Farmakoterapija hipertenzije u trudnoi. U: *Hipertenzija u trudnoi*. Ur.: Djelmi J, Ivančević M. Grafoplast d.o.o., Zagreb 2002: 195-199
21. Vitezi D, Mri-Peli J, epi-Grahovac D, upan G. Primjena antiepileptika u trudnoi i njihov teratogeni potencijal. U: *Neurološke bolesti u trudnoi*. Ur.: Djelmi J, otarko M, Ivančević M. Papirna konfekcija Gri, Zagreb 2002: 59-65
22. Mri-Peli J, upan G, Maysinger D, Peli G, Vitezi D, Simoni A. The influence of MK-801 on the hippocampal free arachidonic acid level and Na<sup>+</sup>, K<sup>+</sup>-ATPase activity in global cerebral ischemia-exposed rats. *Prog Neuropsychopharmacol Biol Psychiatry* 2002; 26: 1319-1326
23. Vitezi D, Mri Peli J. Erectile dysfunction: oral pharmacotherapy options. *Int J Clin Pharmacol Ther* 2002; 40: 393-403

24. Vitezi D, Mri-Peli J, upan G. Drugs and placenta. *Acta Med Croatica* 2001; 55 (Supl. 1): 35-38
25. Vitezi D, upan G, Mri J, Simoni A. Lamotrigine: influence on the passive avoidance behavior in electroconvulsive shock-treated rats. *Proceedings of the 5th Congress of the European Society for Clinical Neuropharmacology*. Monduzzi Editore, Bologna, Italy 2000; 309-313
26. Allen C, Eisenberg A, Mri J, Maysinger D. Pcl-b-Peo micelles as a delivery vehicle for FK-506: assessment of a functional recovery of crushed peripheral nerve. *Drug Delivery* 2000; 7: 139-145
27. Mri J, upan G, Erakovi V, Simoni A, Varljen J. The influence of nimodipine and MK-801 on the brain free arachidonic acid level and the learning ability in hypoxia-exposed rats. *Prog Neuropsychopharmacol Biol Psychiatry* 1997; 21(2): 345-358
28. Erakovi V, upan G, Mri J, Simoni A, Varljen J. The influence of nicardipine and ifenprodil on the brain free arachidonic acid level and behavior in hypoxia-exposed rats. *Prog Neuropsychopharmacol Biol Psychiatry* 1997; 21(4): 633-647
29. upan G, Vitezi D, Mri J, Matei D, Simoni A. Effects of nimodipine, felodipine and amlodipine on electroconvulsive shock-induced amnesia in the rats. *Eur J Pharmacol* 1996; 310: 103-106
30. upan G, Erakovi V, Mri J, Varljen J, Simoni A, Milin . Effect of nicardipine and amlodipine on the brain free arachidonic acid level in hypoxic rats. *Period Biol* 1996; 98/I: 107-110
31. upan G, Varljen J, Erakovi V, Mri J, Kri J, Simoni A, Milin . Accumulation dynamics of the brain total free fatty acids and free arachidonic acid in the models of cerebral hypoxia and epilepsy in rats. *Croat Chem Acta* 1995; 68/3: 485-490
32. upan G, Mri J, Simoni A. Piracetam and oxiracetam prevent hypoxia-induced impairment of passive avoidance behavior in rats. *Neurol Croat* 1994; 43(4): 233-240
33. Erakovi V, upan G, Kri J, Mri J, Simoni A, Varljen J. Influence of nicardipine on the brain free fatty acids level in penicillin-induced seizures in rats. *Acta Fac med Flum* 1994; 19: 19-22
34. upan G, Mri J, Simoni A, Pernjak-Pugel E, Tomac J, Batisti B. Vulnerability of the CA1 subfield of the hippocampus in hypoxic and ischemic conditions in rats. *Period Biol* 1994; 96(1): 135-136
35. Kri J, upan G, Mri J, Tomac J, Pernjak-Pugel E, Erakovi V, Simoni A, Batisti B. Epileptic seizures induced damage of the hippocampal pyramidal neurons. *Acta Fac med Flum* 1994; 19(suppl.1): 23-25
36. upan G, Mri J, Simoni A. Influence of amlodipine on passive avoidance behaviour in intact and hypoxia-exposed rats. *Acta Fac med Flum* 1993; 18(1): 25-31
37. upan G, Mri J, Simoni A. Effects of nicardipine, felodipine and nifedipine on passive avoidance behavior of intact and hypoxia-exposed rats. *Arch Int Pharmacodyn Ther* 1993; 325: 61-69
38. Mri J, upan G, Simoni A. The effects of felodipine and amlodipine on hypoxia-induced memory impairment in the rat. *Pharmacological Communications, Proceedings of the First Croatian Congress of Pharmacology, Zagreb, October 6-8, 1993; 136-138*
39. upan G, Erakovi V, Mri J, Simoni A, Varljen J. Effect of nimodipine on the brain free arachidonic acid level in hypoxia exposed rats. *Pharmacological Communications, Proceedings of the First Croatian Congress of Pharmacology, Zagreb, October 6-8, 1993; 139-141*
42. Simoni A, upan G, Mri J. The influence of piracetam and cholinomimetics on passive avoidance behavior in nucleus basalis lesioned rats. *Iugoslav Physiol Pharmacol Acta* 1989; 25: 431-435
- Conferences:
1. Vitezi D, Kuan M, Mri-Peli J, Vitezi M. Lipid modifying agents usage in Croatia during the 5-year period. 17th World Congress of Basis and Clinical Pharmacology (WCP 2014), Cape Town, South Africa, July 13-18, 2014, *Basic Clin Pharmacol Toxicol* 2014; 115 (Suppl. 1): 74
  2. Mri-Peli J, Pilipovi K, Peli G, Vitezi D, upan G. The effects of erythropoietin treatment on oxidative stress parameters in the hippocampus of streptozotocin-induced diabetic rats. *EPHAR 2012, Granada, Spain. Book of Abstract*
  3. Mri-Peli J, Pilipovi K, Vitezi D, upan G. Experimental ischemic stroke: changes in lipid peroxidation and antioxidant enzyme activities in rat cortex. *SiNAPSA Neuroscience Conference '11, Central European FENS Featured Regional Meeting, September 22-25, 2011, Ljubljana, Slovenia. Book of Abstracts: 147*
  4. Vitezi D, Kuan M, Vitezi M, Kovaevi M, Mri Peli J. Beta Blockers and Diuretics Usage in Croatia and Slovenia During a Nine-Year Period. 16th Annual International Congress of International Society

- for Pharmacoeconomics and Outcomes Research (ISPOR), Baltimore, USA, May 21-25, 2011, Value Health 2011; 14(3): A49
5. Kuan M, Vitezi D, Mri-Peli J. Trends in Original and Generic Antipsychotic Drugs Usage in Croatia and Slovenia During the Nine-Year Period. Second Croatian and First Adriatic Congress on Pharmacoeconomics and Outcomes Research with International Participation, Rovinj, Croatia, April 06-09, 2011, Pharmaca 2011; 48 (Supp.1): 72
  6. Maarevi T, Vitezi D, Kuan M, Gantumur M, Vitezi M, Mri-Peli J, estan B. Low Molecular Weight Heparins (LMWHS) in Croatia: Influence of New Clinical Guidelines and Introduction of Oral LMWHS. Second Croatian and First Adriatic Congress on Pharmacoeconomics and Outcomes Research with International Participation, Rovinj, Croatia, April 06-09, 2011, Pharmaca 2011; 48 (Supp.1): 76-77
  7. Vitezi D, Mri-Peli J, Kovaevi M. Eretilna disfunkcija: farmakoterapijske mogućnosti (Erectile dysfunction: pharmacotherapeutic possibilities). Prvi hrvatski kongres duhovne psihijatrije s međunarodnim sudjelovanjem, Opatija, Hrvatska, 11.-13. veljae 2011., Zbornik saetaka: 44-45
  8. Mri-Peli J, Peli G, Vitezi D. Poremeaji seksualnosti uzrokovani lijekovima (Drug-induced sexual disorders). Prvi hrvatski kongres duhovne psihijatrije s međunarodnim sudjelovanjem, Opatija, Hrvatska, 11.-13. veljae 2011., Zbornik saetaka: 44-47
  9. Vitezi D, Kuan M, Vitezi M, Mri Peli J. Trends in antidepressants and anxiolytics drugs usage in Croatia and Slovenia. 13th Annual European Congress of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Prague, Czech Republic, November 06-09, 2010, Value Health 2010; 13(7): A457
  10. Mri-Peli J, Pilipovi K, Vuji B, Vitezi D, upan G. The influence of erythropoetin treatment on oxidative stress parameters in cortex of rats exposed to transient middle cerebral artery occlusion. 6th Croatian Congress of Pharmacology with International Participation, Opatija, Croatia, September 15-18, 2010, Period Biol 2010; 112 (Supp. 1): 97
  11. Mri-Peli J, Pilipovi K, Vuji B, Vitezi D, upan G. Erythropoetin treatment and ischemic stroke model in rats. 6th Croatian Congress of Pharmacology with International Participation, Opatija, Croatia, September 15-18, 2010, Period Biol 2010; 112 (Supp. 1): 48
  12. Vitezi D, Kuan M, Vitezi M, Kovaevi M, Mri Peli J. Cardiovascular drugs usage in Croatia and Slovenia during the nine-year period. Fifteenth Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Atlanta, USA, May 15-19, 2010, Value Health 2010; 13(3): A174
  13. Maarevi T, Buble T, Gantumur M, Vitezi M, estan B, Mri Peli J, Vitezi D. Drug consumption in Croatia: The effects of pricing policy changes. WorldPharma2010, 16th IUPHAR WorldCongress of Basis and Clinical Pharmacology, Copenhagen, Denmark, July 17-23, 2010, Basic Clin Pharmacol Toxicol 2010; 107 (Suppl. 1): 431
  14. Vitezi D, Maarevi T, Matana Katelan Z, Buble T, Gantumur M, Kovaevi M, Mri Peli J. The Effects of Antihypertensive Fixed-dose Combination Introduction on Monocomponent Drugs Usage in Croatia During 2001-2008. First Croatian Congress on Pharmacoeconomics and Outcomes Research with International Participation, Rijeka, Croatia, April 22-24, 2010, Pharmaca 2010; 47 (Supp.1): 61-62
  15. Gantumur M, Buble T, Maarevi T, Rosovi V, Lonar A, Mri Peli J, Ljubii , Vitezi D. Nervous System Drugs Usage in Croatia During the 8-year Period. First Croatian Congress on Pharmacoeconomics and Outcomes Research with International Participation, Rijeka, Croatia, April 22-24, 2010, Pharmaca 2010; 47 (Supp.1): 63
  16. Vitezi D, Matana Katelan Z, Buble T, Vitezi M, Kovaevi M, Mri Peli J, upan G. Agents Acting on the Renin-angiotensin System: Usage in Croatia During a Seven-year Period. Twelfth Annual European Congress of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Paris, France, October 24-27, 2009, Value Health 2009; 12(7): A343
  17. Maarevi T, Vitezi D, Buble T, estan B, Vitezi M, Gantumur M, Mri Peli J, upan G. Bisphosphonates Usage in Croatia: The Effects of New Pricing Regulation. The IXth Congress of the European Association for Clinical Pharmacology and Therapeutics, Edinburgh, UK, July 12-15, 2009, Basic Clin Pharmacol Toxicol 2009; 105 (Supp.1): 21

18. Gantumur M, Vitezi D, Buble T, Maarevi T, Kovaevi M, Mri Peli J, upan G. Respiratory Drugs Usage in Croatia During 7-year Period. The IXth Congress of the European Association for Clinical Pharmacology and Therapeutics, Edinburgh, UK, July 12-15, 2009, *Basic Clin Pharmacol Toxicol* 2009; 105 (Supp.1): 100
19. Vitezi D., Madjarevi T, Buble T, estan B, Vitezi M, Mri Peli J, upan G. NSAIDs Consumption in Croatia: the Effects of Pricing Policy Changes. Fourteenth Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Orlando, USA, May 16-20, 2009, *Value Health* 2009; 12(3): A73
20. D. Vitezi, Matana Katelan Z, Buble T, Kovaevi M., Mri Peli J. The analysis of statins usage in Croatia during the five-year period. Eleventh Annual European Congress of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Athens, Greece, November 08-11, 2008, *Value Health* 2008; 11(6): 418
21. Vitezi D, Matana Katelan Z, Buble T, Mri Peli J, Rosovi V, Kovaevi M, Simoni A. Statins Usage in Croatia: The Effects of Introducing Generics. The IXth World Conference on Clinical Pharmacology and Therapeutics, Quebec, Canada, July 27- August 01, 2008, *Can J Clin Pharmacol* 2008; 15(3): 740-741
22. Gantumur M, Vitezi D, Buble T, Mri Peli J, Rosovi V, Lonar A, Simoni A. Antibiotic Drugs Usage in Croatia During 6-year Period. The IXth World Conference on Clinical Pharmacology and Therapeutics, Quebec, Canada, July 27- August 01, 2008, *Can J Clin Pharmacol* 2008; 15(3): 564
23. Vitezi D, Matkovi V, Buble T, Ljubii , orevi V, Mri Peli J, upan G, Simoni A. Trends in sedative-hypnotic drugs prescription in Croatia from 2001 to 2005. 2nd International Congress of Biological Psychiatry, Santiago, Chile, April 17-21, 2007, *World J Biol Psychiatry* 2007; 8 (Supp 1): 195
24. Vitezi D, Matana Z, ebular B, Mri Peli J, upan G, epi Grahovac D, Simoni A. Utilization of Antiepileptic Drugs: A Comparison between Croatia and Slovenia. 27th International Epilepsy Congress, Singapore, July 8-12, 2007, *Abstract Book*: 104-105
25. Vitezi D, Matana Z, Buble T, Mri Peli J, Rosovi V, upan G, Simoni A. Antihypertensive drugs usage in Croatia. 8th Congress of the European Association for Clinical Pharmacology and Therapeutics, Amsterdam, The Netherlands, August 29-September 1, 2007, *Basic Clin Pharmacol Toxicol* 2007; 101 (Supp 1): 58
26. Vitezi D, Matana Z, Buble T, Mri Peli J, Kneevi A, Bagatin J, upan G, Simoni A. Cardiovascular drugs utilization in Croatia during a four- year period. 15th World Congress of Pharmacology, Beijing, China, July 2-7, 2006, *Acta Pharmacol Sin* 2006; 27 (Supp. 1): 204
27. Vitezi D, Matkovi V, Buble T, Ljubii , orevi V, Mri Peli J, upan G, Simoni A. Trends in sedative-hypnotic drugs prescription in Croatia from 2001 to 2005. 2nd International Congress of Biological Psychiatry, Santiago, Chile, April 17-21, 2007, *World J Biol Psychiatry* 2007; 8 (Supp 1): 195
28. Vitezi D, Matana Z, ebular B, Mri Peli J, upan G, epi Grahovac D, Simoni A. Utilization of Antiepileptic Drugs: A Comparison between Croatia and Slovenia. 27th International Epilepsy Congress, Singapore, July 8-12, 2007, *Abstract Book*: 104-105
29. Vitezi D, Matana Z, Buble T, Mri Peli J, Rosovi V, upan G, Simoni A. Antihypertensive drugs usage in Croatia. 8th Congress of the European Association for Clinical Pharmacology and Therapeutics, Amsterdam, The Netherlands, August 29-September 1, 2007, *Basic Clin Pharmacol Toxicol* 2007; 101 (Supp 1): 58
30. Vitezi D, Matana Z, Buble T, Mri-Peli J, Kneevi A, Bagatin J, upan G, Simoni A. Cardiovascular drugs utilization in Croatia during four-year period. 15th World Congress of Pharmacology, Beijing, China, July 2-7, 2006, *Acta Pharmacol Sin* 2006; 27 (Supp. 1): 204
31. Mri-Peli J, Peli G, Vitezi D, upan G, Simoni A. Expression and activation of ERK and JNK in the hippocampus of rats exposed to global cerebral ischemia. 20th Biennial Meeting of the International Society for Neurochemistry and the European Society for Neurochemistry, Innsbruck, Austria, August 21-25, 2005, *J Neurochem* 2005; 94 (Supp.2): 35
32. Vitezi D, Mri Peli J, upan G, epi Grahovac D, Simoni A. Lamotrigine: neuroprotective effect in rats after kainic acid induced seizures. 26th International Epilepsy Congress, Paris, France, August



- 28- September 1, 2005, *Epilepsia* 2005; 46 (Supp. 6): 358-359
33. Mri Peli J, Peli G, Vitezi D, upan G, Simoni A. Expression and activation of ERK and JNK in the optic nerves of rats exposed to global cerebral ischemia. 18th ECNP Congress, Amsterdam, The Netherlands, October 22-26, 2005, *Eur Neuropsychopharmacol* 2005; 15 (Supp. 3): 388
34. Vitezi D, Rosovi- Bazijanac V, Lonar A, Mri- Peli J, upan G, Simoni A. Hospital analysis of the central nervous system drug utilization during two periods. 7th Congress of the European Association for Clinical Pharmacology and Therapeutics, Poznan, Poland, June 25- 29, 2005, *Pharmacol Toxicol* 2005; 97 (Supp.): 81
35. Vitezi D, Mavri Z, Mri-Plei J, upan G. Questionnaire survey as a tool in drug hypertension investigation in Croatia. 5th Congress of the Croatian Cardiac Society with International Participation, Opatija, May 16-19, 2004, *Lije Vjesn* 2004; 126 (Supp.1): 14
36. Vitezi D, Tonkovi M, Mri-Peli J, upan G, Simoni A. Lamotrigine concentration in the serum and the brain tissue in rats. 6th European Congress on Epileptology, Vienna, Austria, May 30 June 3, 2004, *Epilepsia* 2004; 45 (Supp. 3): 112
37. upan G, Mri-Peli J, Peli G, Vitezi D, Simoni A. The effect of MK-801 on the Na<sup>+</sup>,K<sup>+</sup>-ATPase activity and ERK activation in rats exposed to global cerebral ischemia. Abstracts of the 4th Congress of the Federation of the European Pharmacological Societies (EPHAR), Porto, Portugal, July 17-19, 2004, *Fundament Clin Pharmacol* 2004; 18 (Supp. 1): 78
38. Mri-Peli J, Peli G, Vitezi D, upan G, Simoni A. The influence of hyperbaric oxygen treatment on the ERK and JNK activation signals in the hippocampus and optic nerves of global cerebral ischemia. Abstracts of the 4th Congress of the Federation of the European Pharmacological Societies (EPHAR), Porto, Portugal, July 17-19, 2004, *Fundament Clin Pharmacol* 2004; 18 (Supp. 1): 109
39. Vitezi D, Mavri , Mri-Peli J, upan G. Antihypertensive drugs: primary care physicians' questionnaire survey in Croatia. 8th World Conference on Clinical Pharmacology and Therapeutics, Brisbane, Australia, August 1-6, 2004, *Clin Exp Pharmacol Physiol* 2004; 31 (Supp. 1): 86-87
40. upan G, Mri-Peli J, Vitezi D, Peli G, Simoni A. Changes of the hippocampal Na<sup>+</sup>,K<sup>+</sup>-ATPase activity in rats with global cerebral ischemia and kainic acid-seizures. 4th Croatian Congress of Pharmacology with International participation, Split, Croatia, September 15-18, 2004, *Period Biol* 106 (Supp.1): 131
41. Mri-Peli J, Peli G, Vitezi D, upan G, Simoni A. Hyperbaric oxygen treatment: the influence on the superoxide dismutase activity and JNK activation in the optic nerves of rats exposed to global cerebral ischemia. 4th Croatian Congress of Pharmacology with International participation, Split, Croatia, September 15-18, 2004, *Period Biol* 106 (Supp.1): 120
42. Vitezi D, Kneevi A, Mavri , Mri- Peli J, upan G. Hypertension control and antihypertensive drugs usage in Croatia. First Global Conference of Cardiovascular Clinical Trials and Pharmacotherapy, Hong Kong, October 01-03, 2004, *Cardiovasc Drugs Ther*; 18 (Supp. 1): 28
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- Projects**
- 2007. present Head of research project 062-0620529-0518 Molecular Mechanisms of Ischemic Brain Damage and Neuroprotection
  - 2002-2006 Researcher, scientific project 0062049 Excitotoxicity and Neuroprotection in Epilepsy and Brain Ischemia
  - 1997-2001 Researcher, scientific project 062028 Pharmacology of Epilepsy and Brain Ischemia and Hypoxia
  - 1997- 2001 Consultant, project 062019 Spinal Cord Contusion
  - 1991- 1996 Researcher, project 3-01-159 Calcium Antagonists and Neuron Damage of Central Nervous System
  - 1991-1996 Researcher, project 3-01-433 Cholinomimetics, Calcium Antagonists, Nootropics and Learning
  - 1990-1994 Researcher, project Influence of Dihydropyridine Calcium Channel Blockers on Cognition in Intact and Hypoxia Exposed Rats

All above projects are/were financed by: Ministry of Science, Education and Sport, Croatia

- Memberships**
- Memberships:
- Croatian Medical Association
  - Croatian Pharmacological Society
  - Croatian Society for Clinical Pharmacology and Therapy
  - Croatian Society for Neuroscience
  - European Union of Pharmacological Societies (EPHAR)
  - International Union of Pharmacological Societies (IUPHAR)
  - 2008 present, reviewer, The National Foundation for Science, Higher Education and Technological Development of the Republic of Croatia
  - 2008- present, Member of Committee for Medicinal Products, Agency for Medicinal Products and Medical Devices of Croatia
  - 2008 present, reviewer of educational programs of graduate and postgraduate studies named by the National Board for Higher Education at the Agency for Science and Higher Education, Zagreb, Croatia
  - 2007 - member of Committee for Curriculum for Biotechnology Studies, University of Rijeka
  - 2007 - Member of evaluation groups for the research programs and projects in the area of Brain research at the Ministry of Science, Technology and Sports of the Republic of Croatia
  - 2006 - present, Member of the Committee for Quality at the University of Rijeka
- Awards:

- 2005 International Brain Research Organisation Award, Amsterdam, Netherlands
- 1998 ECNP Congress Award, XIth European Congress of Neuropsychopharmacology, Paris, France
- 1995 McGill University Professional Advancement, Grant-in-Aid, Montreal, Canada
- 1994 IUPHAR Congress Travel Award for attending XIIth International Congress of Pharmacology, Montreal, Canada
- 1994 Humboldt University Berlin, Travel Award for attending 3rd International Symposium on Hypoxia, Berlin, Germany
- 1992 International Meeting on Strategies for Studying CNS Active Compounds Congress Award, Madrid, Spain

Active participation at numerous international congresses, conferences and meetings (scientific and medical conferences) all over the world (95 published abstracts).

**Other Relevant Information**

During her education, Professor Jasenka Mri-Peli, MD PhD, has been exposed to multicultural environment. During her postdoctoral education in Canada at McGill University (Montreal), Department of Pharmacology and Therapeutics is used to work and collaborate with people having different origins and cultures.