

LISTA PUBLICATII

Prof. Dr. Violeta Ristoiu, Departamentul de Anatomie, Fiziologie animala si Biofizica

Papers in ISI journals as main author

- Grosu AV, Gheorghe RO, Filippi A, Deftu AF, Isler M, Suter M, **Ristoiu V**. Dorsal root ganglia CSF1⁺ neuronal subtypes have different impact on macrophages and microglia after spared nerve injury. *J Peripher Nerv Syst*. 2024 Dec;29(4):514-527.
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- Deftu TA, Deftu AF, **Ristoiu V**, Long-term incubation with CXCL2, but not with CXCL1, alters the kinetics of TRPV1 receptors in cultured DRG neurons, *Archives of Biological Sciences*, 69(00):74-74, 2016
- **Ristoiu V**, Contribution of macrophages to peripheral neuropathic pain pathogenesis, mini-review, *Life Sciences* 93(23): 870-81, 2013
- Ton Thi Bich H, Chen Q, Gaina G, Tucureanu C, Georgescu A, Strungaru C, Flonta ML, Sah DW, **Ristoiu V**, Activation profile of dorsal root ganglia Iba-1 (+) macrophages varies with the type of lesion in rats, *Acta Histochemica*, 115(8): 840-50, 2013
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- **Ristoiu V**, Flonta ML, Interactions between neurotransmitters and receptors, review, *Romanian Journal of Biophysics*, 9 (3-4): 11-127, 1999
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- **Ristoiu V**, Harvesting the analgesic potential of macrophages, *Behavioural, cellular and neurochemical approach in studying neurodegenerative disorders*, Petnica Science Center, Valjevo, Serbia, 24-30 July, 2023
- **Ristoiu V**, The role of macrophages from peripheral nervous system in traumatic neuropathic pain pathogenesis, *Models of Neuroinflammation and Neuropathology*, Kuopio, Finland, 6-7 June, 2022
- Deftu A, Filippi A, Gheorghe RO, Chirițoiu G, Grosu A, Floare M, Tuchilus A, **Ristoiu V**, The silencing of Iba-1 protein alters the proliferation profile of microglial cells, *Microglia 2018, EMBO workshop*, EMBL Heidelberg, 2018
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- Anton AS, Bica-Popi (Magercu) M, **Ristoiu V**, Gheorghe RO, Influența lichidului cefalorahidian de la pacienții cu scleroză în plăci asupra secreției de oxid nitric în linia celulară de microglia umane HMC3, *Conference of the students from Faculty of Biology*, Bucharest, May 2023



- **Ristoiu V**, Contribution of interactions between the immune system and the nervous system to the development of traumatic peripheral neuropathic pain, *The 1st Annual Conference of Research Results Communication at the University of Bucharest*, Bucharest, February 2023
- Bica-Popi M, **Ristoiu V**, Comparative study on the efficacy of magnetofection in rat microglia primary cultures and human HMC3 microglia, *Conference of the students from Faculty of Biology*, Bucharest, May 2022
- Gheorghe RO, **Ristoiu V**, Switch of rat dorsal root ganglia macrophages to M2 phenotype after cytoskeleton alteration reduces SNL-induced neuropathic pain, *The 10th Conference of the National Neuroscience Society of Romania (SNN) with international participation*, Bucharest, September, 2022
- Gheorghe RO, Grosu AV, Ghenghea MS, Bica-Popi M and **Ristoiu V**: Harvesting the analgesic and regenerative potential of macrophages from peripheral nervous system, *2nd International Conference on Neuroscience, Neuroinformatics, Neurotechnology and NeuroPsycho-Pharmacology*, Bucharest, 2021
- Bica-Popi M and **Ristoiu V**: Efficient delivery of small interfering RNA in HMC3 human microglia using Magnetofection, *2nd International Conference on Neuroscience, Neuroinformatics, Neurotechnology and NeuroPsycho-Pharmacology*, Bucharest, 2021
- Grosu AV, Deftu AF, Pertin M, Kirschmann G and **Ristoiu V**: Activation of dorsal root ganglia's macrophages and spinal microglia is spatially correlated after Spared Nerve Injury model, *2nd International Conference on Neuroscience, Neuroinformatics, Neurotechnology and NeuroPsycho-Pharmacology*, Bucharest, 2021
- Roxana-Olimpia Gheorghe, Andy-Gabriel Buga, Izabela Cristina Stancu, Elena Olaret and **Violeta Ristoiu**: Assessing the peripheral nerve regeneration through autotomy parameters development, *2nd International Conference on Neuroscience, Neuroinformatics, Neurotechnology and NeuroPsycho-Pharmacology*, Bucharest, 2021
- **Ristoiu V**, Neuro-immune interactions in neuro-inflammation. The role of microglia and macrophages. *Neurosciences, Neurotechnology, Neuroinformatics and Neuro-psychopharmacology Workshop*, Bucharest, June 2019
- **Ristoiu V**, The role of cytoskeleton in the interaction between immune cells and neurons, *The 9th Conference of the National Neuroscience Society of Romania (SNN) with international participation*, Bucharest, 2018
- Gheorghe RO, Zbârcea CE, Tănase A, Gherghiceanu M, Chirițoiu G, Sapunar D, Flonta ML, **Ristoiu V**, Local administration of therapeutic agents at the level of dorsal root ganglia - a new method to treat neuropathic pain, *The 9th Conference of the National Neuroscience Society of Romania (SNN) with international participation*, Bucharest, 2018
- Deftu A, Anton RE, Bica-Popi M, Bogdan C, Gattlen C, Decosterd I, Suter MR, **Ristoiu V**, Potassium channels after spared nerve injury, *The 9th Conference of the National Neuroscience Society of Romania (SNN) with international participation*, Bucharest, 2018
- Caragea V, **Ristoiu V**, Genzel L, Investigating cumulative memory in rodents by using the novel Object Space Task, *The 9th Conference of the National Neuroscience Society of Romania (SNN) with international participation*, Bucharest, 2018
- Deftu A, Gheorghe RO, Grosu A, Filippi A, Chirițoiu G, Burlacu E, **Ristoiu V**, Controlling microglia mobility via interactions with the cytoskeleton, *1st International Conference on Neuroscience, Neuroinformatics, Neurotechnology and Neuro-Psycho-Pharmacology*, Bucharest, Romania, 2018

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- Grosu A, Pertin M, Kirschmann G, Filippi A, Deftu AF, Ristoiu V, Characterizing the spatial distribution of spinal cord microglia after Spared nerve injury model of neuropathic pain, *The 16th European Meeting on Glial Cells in Health and Disease*, Berlin Germany, July, 2023
- Magercu M, Chiritoiu G, Munteanu C, Ristoiu V, Rat primary microglia cultured in defined medium conditions revealed to be a restrictive model in silencing gene expression, *The 16th European Meeting on Glial Cells in Health and Disease*, Berlin Germany, July, 2023

- Grosu A, Pertin M, Kirschmann G, Deftu AF, Ristoiu V, Investigation of sensory neuron-derived CSF1 as a potential chemotactant factor for macrophages after peripheral nerve injury, *FENS-Hertie Winter School*, 29 January – 4 February 2023, Austria
- Ghenghea M, Ristoiu V, A Python package for automated analysis of electrophysiology data from patch-clamp experiments, *9th Baltic-Nordic Summer School on Neuroinformatics*, Kraków, Poland, July 4-8, 2022
- Bica-Popi M, **Ristoiu V**, Magnetofection in HMC3 human microglia is not affected by defined medium conditions, *FENS*, Paris, France, July 2022
- Grosu A, Pertin M, Kirschmann G, Deftu A.F, **Ristoiu V**, Investigation of sensory neuron-derived CSF1 as a potential chemoattractant factor for macrophages after peripheral nerve injury *FENS*, Paris, France, July 2022
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- eflu A, Gheorghe R, Filippi A, Chiritoiu G, Grosu A, Burlacu E, **Ristoiu V**, Silencing Iba-1 protein alters not only cytoskeleton-dependent activities, but also proliferation in BV2 microglia, *The XIV European Meeting on Glial Cells in Health and Disease, Porto, Portugal*, 2019
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