

CURRICULUM VITAE

Ivana Tomljanović, mag. pharm. inv.

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Education:

09/2015 – present Doctoral study „Medicinal Chemistry“

University of Rijeka, Department of Biotechnology, Radmile Matejčić 2, Rijeka (Croatia)

10/2013–07/2015 Drug Research and Development, graduate university study

University of Rijeka, Department of Biotechnology, Radmile Matejčić 2, Rijeka (Croatia)

Gained the academic title of Master of Drug Research and Development (MSc) - CUM LAUDE

10/2010–07/2013 Biotechnology and drug research, undergraduate university study

University of Rijeka, Department of Biotechnology, Radmile Matejčić 2, Rijeka (Croatia)

Bachelor of Science (Baccalaurea) in Biotechnology and Drug Research

Scientific training:

07/23/2018-present Assistant on the Croatian Science Foundation project "Exploring the borderland between neurodegeneration and neuroregeneration: identification of key molecules with proteomics and functional assays in the mammalian spinal cord"

Laboratory for Molecular Neurobiology, Department of Biotechnology, Radmile Matejčić 2, Rijeka (Croatia)

October and december 2017 International School of Advanced Studies (SISSA)

Laboratory for Neurobiology prof. Andrea Nistri, Via Bonomea, 265, 34136 Trieste, Italy

Publications:

Grbčić, Petra; **Tomljanović, Ivana**; Klobučar, Marko; Pavelić, Sandra Kraljević; Lučin, Ksenija; Sedić, Mirela. Dual sphingosine kinase inhibitor SKI-II enhances sensitivity to 5-fluorouracil in hepatocellular carcinoma cells via suppression of osteopontin and FAK/IGF-1R signalling. *Biochemical and Biophysical Research Communications* 487 782-788 - 2017.

Petrovic A, Kaur J, **Tomljanovic I**, Nistri A, Mladinic M. Pharmacological induction of Heat Shock Protein 70 by celastrol protects motoneurons from excitotoxicity in the rat spinal cord in vitro. *European Journal of Neuroscience* - 2018.

Conferences:

NeuRi Student Congress in Rijeka, April 26-28, 2019, poster presentation: "Identification of key molecules involved in neuroprotection and neuroregeneration using new in vitro preparations of opossum *Monodelphis domestica* central nervous system"

6th Croatian Congress of Neuroscience in Osijek, September 16-18, 2017, poster presentation: "Identification of key molecules underlying neuronal regeneration in the opossum spinal cord"

3rd International Mass Spectrometry School (IMSS), July 2-8, 2017 in Dubrovnik, poster presentation: "Identification of key molecules underlying neuronal regeneration in the opossum spinal cord"

21st Young Neuroscientist Meeting in Zagreb, June 29, 2017, poster presentation: "Identification of key molecules underlying neuronal regeneration in the opossum spinal cord"

"From Electrophysiology to Imaging and BioNanotechnology" Summer School in Trieste from June 20th to July 1st 2016