

CURRICULUM VITAE
TIHANA REPIĆ, mag. biol. mol.

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E-2024-2017

ORCID ID:
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Birth date and place:
March 6, 1990
Varazdin, Croatia



Work experience

2015 – today

Research Assistant – Scientific research

University of Split School of Medicine, Croatia

Project: Treating neuropathic pain with dorsal root ganglion stimulation (NeuroMod)

Mentor: prof. Damir Sapunar

Experience working *in vivo* on rat models, surgical procedures (dorsal root ganglion isolation, spinal nerve ligation, intraganglionic drug delivery, electrode implantation), behavioural testing procedures, animal cell culture, immunocytochemistry / immunohistochemistry, fluorescent microscopy, scanning electron microscopy, electrophysiology, methods for morphological analysis of neurons using software SigmaPlot, ImageJ - Oval Profile Plugin (FFT analysis of neurite alignment) and ImageJ - NeuronJ Plugin (neurite length analysis)

Education

2015 – today

PhD student - Neuroscience

University of Split School of Medicine, Croatia

PhD program Translational Research in Biomedicine – TRIBE

Thesis work: Characterization of dorsal root ganglion neurons cultured on silicon micro-pillar substrates

2011 – 2014

Master of Molecular Biology (mag. biol. mol.)

University of Zagreb, Faculty of Science, Croatia

Thesis work: Comparison of osteogenic potential of human mesenchymal stem cells isolated from muscle and tendon tissue

2008 – 2011

Bachelor of Molecular Biology (univ. bacc. biol. mol.)

University of Zagreb, Faculty of Science, Croatia

Thesis work: Bacteria that use arsenic

Professional development / Training

2017

CroLASA workshop “How to report experiment on animals”

Ruđer Bošković Institute, Zagreb, Croatia

2016

Poster presentation at IASP 16th World Congress on pain

Yokohama, Japan

2016

Oral presentation at European Pain School

University of Siena, Siena, Italy

- 2015** **Laboratory Animal Science Course (FELASA cat. C equivalent)**
University of Split School of Medicine, Croatia
- 2013 – 2014** **Trainee at the Department of Molecular Biology**
University of Zagreb, Faculty of Science, Croatia
Gaining experience of laboratory work (stem cells culturing, isolation and quantification of proteins and nucleic acids, electrophoresis, Western blotting, Real-time PCR analysis, microscopy)
- 2013** **Participant** – The 8th ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine, Split, Croatia
- 2009 – 2013** **Student Jobs** – Promoter for Marketing Agencies

Publications

Repic T, Madirazza K, Bektur E, Sapunar D. Characterization of dorsal root ganglion neurons cultured on silicon micro-pillar substrates. *Scientific Reports*. 2016; 6:39560.

Other activities

Student representative of doctoral study TRIBE (generation 2014/15)
Member of International Association for the Study of Pain (IASP)
Volunteer in implementing lectures at the Festival of Science, Split (2015)

Languages

Croatian (Native speaker)
English (Advanced)

German (Basic)
Spanish (Basic)