

5. Režić Mužinić Nikolina

Identification number of the scientist: 320753

URL for web site (link to CROSBİ profile): <http://bib.irb.hr/lista-radova?autor=320753>

Education:

2015-present PhD, University of Split, School of Medicine
2009–2015 PhD program, Tumor Biology, University of Split, School of Medicine
2003–2009 Graduate on Faculty of Life Science; University of Split

Teaching:

2009-present Department of Medical Chemistry and Biochemistry, University of Split, School of Medicine
2012-present Applied Biochemistry, Study of pharmacy, University of Split
2013-present Medical Chemistry and Biochemistry, Medical studies in English, University of Split School of Medicine

Membership: Croatian Society of Biochemistry and Molecular Biology

Research projects:

2014-present 8652 Croatian Science Foundation, „Biological effects of wine: the influence of vinification technology, dealcoholization and aging of wine“
Leader Mladen Boban.
2009-2013 MZOŠ HR project „Pathobiochemistry of glycosphingolipid antigens“
(216-21601330066).

Scientific articles:

1. Culic VC, Van Craenenbroeck E, **Režić Muzinic N**, Ljubkovic M, Marinovic J, Conraads V, Dujic Z. Effects of scuba diving on vascular repair mechanisms. *Undersea Hyperb Med.* 2014 Mar-Apr;41(2):97-104.
2. Novak A, **Režić Mužinić N**, Čikeš Čulić V, Božić J, Tičinović Kurir T, Ferhatović L, Puljak L, Markotić A. Renal distribution of ganglioside GM3 in rat models of types 1 and 2 diabetes. *J Physiol Biochem.* 2013;69:727-35.
3. **Režić Mužinić N**, Čikeš-Čulić V, Božić J, Tičinović-Kurir T, Salamunić I, Markotić A. Hypercalcemia induces a proinflammatory phenotype in rat leukocytes and endothelial cells. *J Physiol Biochem.* 2013;69(2):199-205.
4. Đevenica, Danka; Markotić, Anita; **Režić-Mužinić, Nikolina**; Jelaska, Igor; Zemunik, Tatijana; Delić, Hrvoje; Čikeš Čulić, Vedrana. Hyperbaric environment upregulates CD15s expression on leukocytes, downregulates CD77 expression on renal cells and upregulates CD34 expression on pulmonary and cardiac cells in rat. // *Iranian Journal of Basic Medical Sciences.* 19 (2016), 8; 821-828.

Summaries from conferences published in journals indexed in current contents:

1. **Režić Mužinić N**, Mastelić A, Markotić A, Čikeš-Čulić V, Vuica-Ross M, Ross A, Barker D, Reynisson J. The effect of a phospholipase C gamma inhibitor on the proliferation and phenotype of Du145 prostate cancer cells. *FEBS J* 2014; 281 (Suppl. 1):507
2. Božić J. Novak A, Tičinović Kurir T, **Režić Mužinić N**, Čikeš Čulić V, Puljak L, Ferhatović L, Markotić A, Valić Z. Analysis of renal ganglioside GM3 distribution in rat models of type 1 and type 2 diabetes. *The FASEB journal. Experimental Biology.* Boston, USA, 20-24.04.2013.

3. **Režić Mužinić N**, Čikeš Čulić V, Puljak L, Ferhatović L, Tičinović Kurir T, Markotić A. Renal glycosphingolipid Gb3Cer/CD77 expression in rat models of type 1 and type 2 diabetes. FEBS Journal. 2013; 280(Suppl.1): 528-528.

Summaries from domestic conferences with international participation:

1. Angela Mastelić , Vedrana Čikeš-Čulić, **Nikolina Režić-Mužinić**, Milena Vuica-Ross, Ashley Ross, David Barker, Jóhannes Reynisson, Anita Markotić. Glycophenotype of breast cancer stem cells treated with glucosylceramide synthase and phospholipase C - gamma2 inhibitors. Glyco 23. 23rd International Symposium on Glycoconjugates. Split, 2015.

2. Đevenica D, Čikeš Čulić V, **Režić N**, Zemunik T, Dujčić-Bilušić S, Markotić A. Hyperbaric environment downregulates renal CD77 expression in rat. 10th Congress of the Croatian Society of Biochemistry and Molecular Biology with international participation: HDBMB2010: Book of Abstracts. Kovarik Z, Varljen J (eds), Opatija, 2010.107