**Željko Debeljak/Partner´s representative 2,**

Born: 24th September 1971, Osijek, Croatia

Croatian scientist identification number: 296571

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**Positions and Employment**

2003 – present Clinical Hospital Center Osijek, Dept. of Medical Biochemistry/Institute of Clinical Laboratory Diagnostics, Osijek, Croatia, Working as Medicinal Biochemistry Specialist (EUSpLM), Manager of the Clinical Chemstry Department

1999 – 2003 PLIVA Inc., Pharmaceutical company, Zagreb, Croatia, Research & Development, Analytical Development Working as Research analyst

1998. – 1999.Clinical Hospital Center Osijek, Dept. of Medical Biochemistry, Osijek, Croatia, Working as Medicinal Biochemist – internship

2010 – present Faculty of Medicine, Dept. of Pharmacology, J. J. Strossmayer University of Osijek,Croatia, Working as Assist. Prof.

2008 – 2016 Faculty of Pharmacy and Biochemistry, Dept. of Medicinal Chemistry, University of Zagreb, Croatia Working as Assist. Prof.

**Professional field**

capillary electrophoresis, high-performance liquid chromatography, in vitro diagnostics, LC-MS/MS, atomic absorption spectroscopy, MALDI TOF

**Education**

1991 – 1996 B.Sc. Medical Biochemistry, Faculty of Pharmacy and Biochemistry, Zagreb, Croatia

1997. – 2007. PhD. Faculty of Pharmacy and Biochemistry, University of Zagreb, Croatia.

2003. – 2006. Specialist of Medical Biochemistry (EUSpLM), Ministry of Health, Zagreb, Croatia

**Publications**

Co-author of 39 original scientific paper in the international peer-reviewed journals; 286 citations, h-index= 9 (source - Scopus database); list of publications on [CROBIB](https://www.bib.irb.hr/pretraga/?operators=and|296571|text|author&subgroup=ja-articles_in_press%7Cja-letters%7Cja-original_scientific_papers%7Cja-other_journal_papers%7Cja-preliminary_notes%7Cja-professional_papers%7Cja-review_papers%7Cja-short_communications)

**Researcher on on-going scientific projects**

2015 – Research and diagnostics of malignant, infectious and rare metabolic diseases based on MALDI TOF technology

**Researcher on the scientific projects**

**Professional memberships**

**Most relevant publications**

1. H. Rimac, C. Dufour, Ž. Debeljak, B. Zorc and M. Bojić, Warfarin and flavonoids do not share the same binding region in binding to the IIA subdomain of human serum albumin, Molecules 22 (2017) 1153; doi:10.3390/molecules22071153.
2. Markovic, Z. Debeljak, B. Bosnjak, M. Marijanovic, False positive immunoassay for heparin-induced thrombocytopenia in the presence of monoclonal gammopathy: a case report, Biochem. Med. (Zagreb) 27 (2017) 577 – 583.
3. Ž. Debeljak, S. Dundović, S. Badovinac, S. Mandić, M. Samaržija, B. Dmitrović, M. Miloš, L. Maričić, V. Šerić, V. Buljanović, Serum carbohydrate sulfotransferase 7 in lung cancerand non-malignant pulmonary inflammations, Clin. Chem. Lab. Med. 56 (2018) 1328–1335.
4. M. Bojić, A. Antolić, M. Tomičić, Ž. Debeljak, Ž. Maleš, Propolis ethanolic extracts reduce adenosine diphosphate induced platelet aggregation determined on whole blood, Nutr J 17(2018) 1475 – 2891.
5. D. Šarić Mustapić, Ž. Debeljak, Ž. Maleš, M. Bojić, The Inhibitory Effect of Flavonoid Aglycones on the Metabolic Activity of CYP3A4 Enzyme, Molecules 23 (2018) 2553doi:10.3390/molecules23102553