

**Uroš Anđelković**, viši naučni saradnik Centra za hemiju - Instituta za hemiju, tehnologiju i metalurgiju - Univerziteta u Beogradu, bavi se primenom masene spektrometrije u analizi proteina i glikana. Jedna od oblasti u kojoj primenjuje masenu spektrometriju su istraživanja proteoma hrane, kontrola kvaliteta i bezbednosti hrane. U svojim istraživanjima fokusiran je na razumevanje uloge glikana u stabilizaciji glikoproteina, uloge glikana u prenosu biološke informacije i interakciji glikana i proteina. Poseban deo svojih istraživanja posvećuje razvoju hromatografskih metoda za izolovanje i prečišćavanje terapeutskih glikoproteina krvne plazme. Diplomirao i doktorirao biohemiju na Hemijskom fakultetu u Beogradu. Kao postdok radio na Katedri za fizičku hemiju Univerziteta u Ljubljani, grupi za proteomiku Jožef Stefan instituta u Ljubljani i grupi za proteomiku Odeljenja za biotehnologiju Univerziteta u Rijeci gde je angažovan i kao saradnik u nastavi. Veći deo petogodišnjeg postdoktorata posvetio je izučavanju tehnologije maseno-spektrometrijske analize proteina, glikana i proteoma. Učesnik više međunarodnih i domaćih naučnih projekata, koautor >30 naučnih publikacija i patenta, recenzent naučnih časopisa u oblast proteomike, enzimologije, i biohemije hrane, i aktivni član naučnih društava. Više informacija na: <http://www.ihtm.bg.ac.rs/index.php/sr/cv-centar-za-hemiju/843-uro%C5%A1-an%C4%91elkovi%C4%87>

Tema: "Masena spektrometrija kao fudomički alat za istraživanje i kontrolu proteinskih alergena hrane"

**Dr Uros Andjelkovic** is Associate Research Professor at the Department of Chemistry – Institute of Chemistry, Technology and Metallurgy - University of Belgrade. He is interested in application of mass spectrometry in protein and glycan analysis. One of the areas of application of mass spectrometry is research of a food proteome, food quality and safety control. In his research he is focused on the role of glycosylation in stabilization of glycoproteins, the role of glycans in transfer of biological information and interactions between glycans and proteins. A part of his research interests devotes to development of chromatographic methods for isolation and purification of therapeutic proteins from human blood plasma. He graduated Biochemistry and obtained PhD in Biochemistry at The Faculty of Chemistry – University of Belgrade in 2011. Postdoc at the Department of Physical Chemistry University of Ljubljana, proteomics group at the Institute Jozef Stefan in Ljubljana and proteomics group at the Department of Biotechnology University of Rijeka where he is engaged as Teaching Associate. Most of his postdoc research devoted to study of the mass spectrometry based proteomics and glycomics. He is involved in several international scientific projects, coauthor of >30 scientific publications and a patent. He is ad hoc reviewer of the scientific journals in the field of proteomics, enzymology, and food chemistry, as well as active member of several scientific societies. Additional information available at <http://www.ihtm.bg.ac.rs/index.php/sr/cv-centar-za-hemiju/843-uro%C5%A1-an%C4%91elkovi%C4%87>

*Theme: "Mass spectrometry as foodomics tool in research and control of food allergen proteins"*