

Curriculum Vitae - Igor Mačinković



Name and surname: Igor S. Mačinković
Date and place of birth: 10th September 1983, Zemun, Republic of Serbia
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Education:

2009 - Master study at University of Belgrade - Faculty of Chemistry, group: biochemistry
2002 - 2009 University of Belgrade - Faculty of Chemistry, group: biochemistry, average mark: 8.32
- elective courses: Clinical Biochemistry and Clinical Biochemical Laboratory Methods
Molecular Biology of Malign Cell
Diploma thesis, announced 17th July 2009. and passed with mark 10:
“*Expression optimization of recombinant thaumatin-like protein from kiwi fruit
- rAct d 2 tagged with GST*”

Language skills:

- english
fluent
- russian
moderate
- french
basic

IT skills:

- operating systems:
Mac OS X, GNU/Linux, MS Windows (98, XP, Vista, 7)
- software:
iWork 09, OpenOffice.org, MS Office, GIMP, Adobe Photoshop
- web:
Safari, Mozilla Firefox, MS IE, Skype...

Poster presentations:

1. **48th MEETING OF THE SERBIAN CHEMICAL SOCIETY, Faculty of Technology, Novi Sad, Serbia, April 17-18, 2010 (PROGRAMME & BOOK OF ABSTRACTS, p.102)**
Development of GST enzyme assay in non-denaturing and denaturing conditions for monitoring GST tagged protein expression; Igor Mačinković, Rajna Dimitrijević, Mohamed Salem Alzawm Abughren, Milica Popović, Ratko M. Jankov, Marija Gavrović-Jankulović; Faculty of Chemistry, Studentski trg 12-16, 11 000 Belgrade, Serbia; *Inovation Center of Faculty of Chemistry, Studentski trg 12-16, 11 000 Belgrade, Serbia*
2. **48th MEETING OF THE SERBIAN CHEMICAL SOCIETY, Faculty of Technology, Novi Sad, Serbia, April 17-18, 2010 (PROGRAMME & BOOK OF ABSTRACTS, p.105)**
Optimization of banana glucanase protein expression with glutathione S-transferase as a fusion partner; Mohamed Salem Alzawm Abughren, Igor Mačinković, Rajna Dimitrijević, Lidija Burazer**, Ratko M. Jankov, Marija Gavrović-Jankulović; Faculty of Chemistry, Studentski trg 12-16, 11 000 Belgrade, Serbia; *Inovation Center of Faculty of Chemistry, Studentski trg 12-16, 11 000 Belgrade, Serbia; ** Torlak Institue of Virology, Vaccines & Sera, Vojvode Stepe 458, 11 221 Belgrade, Serbia*
3. **SECOND HUMBOLDT CONFERENCE ON NONCOVALENT INTERACTIONS, Vršac, Serbia, October 22-25, 2009 (BOOK OF ABSTRACTS, p.88)**
Evaluation of the influence of tagged protein analogue on enzymatic activity of recombinant glutathione S-transferase (rGST); Igor S. Mačinković, Mohamed Salem Alzawm Abughren, Rajna Dimitrijević, Milica Popović, Marija Gavrović-Jankulović; Faculty of Chemistry, Studentski trg 12-16, 11 000 Belgrade, Serbia

Awards:

3rd place in biochemistry on **34. meeting of faculties of natural sciences and mathematics PRIMATIJADA 2007, Ohrid, FYR of Macedonia, 28.04 - 03.05.2007.**

Other activities:

Member of **Serbian Chemical Society** from 2010.

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During the studies I was trained to work in team in biochemical laboratory. Theoretical design of experiment and laboratory practice during years of study in all fields of biochemistry or molecular biology gave me the ability to work on any problem with maximum precision. These are some fields and techniques I was trained during education:

- working with laboratory animals, plants and biological tissue;
- working with cells (humans and microbial);
- isolation and characterization of protein, DNA, and RNA;
- preparing of buffers, media for cell growth, PAA and agarose gels;
- chromatography, HPLC, electrophoresis (protein and DNA/RNA), immuno-techniques (especially Western blot), FACS, PCR, cloning the genes into vectors and preparing positive colonies of transformed bacterial cells,...