



Hungary-Serbia

IPA Cross-border Co-operation Programme



The Programme is co-financed by the European Union

Europass Curriculum Vitae

Project acronym

MATCROSS

Abbreviated name of the organization

UNSPMF

Personal information

First name(s) / Surname(s)

Žigmond (Zsigmond) Pap (Papp)

Address(es)

3, Trg D. Obradovića , 21000, Novi Sad, R. Serbia

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Nationality

Serbian

Date of birth

23/10/1983

Gender

male

Position / role in the project

Researcher

Work experience

Dates

20/03/2008 – present: Research assistant

01/10/2006 – 19/03/2008: Research trainee

Occupation or position held

Research assistant

Main activities and responsibilities

Research and teaching

-Research:

Carbon-based electrodes for voltammetric analysis of neonicotinoid insecticides and trace metals, Photodegradation of neonicotinoid insecticides, Environmental analytical chemistry

-Laboratory courses (BSc/MSc):

Introduction to Instrumental Analysis, Instrumental Analysis, Practicum in Instrumental Analysis, Bioanalytical Chemistry

Name and address of employer

Faculty of Sciences; 3, Trg D. Obradovića , 21000, Novi Sad, R. Serbia

Type of business or sector

Education, research

Education and training

Dates

18/09/2006 BSc, 31/01/2011 PhD

Title of qualification awarded

BSc in Chemistry, PhD in Chemistry



Principal subjects/occupational skills covered	Chemistry / Analytical Chemistry																																																		
Name and type of organisation providing education and training	University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Novi Sad, Serbia																																																		
Level in national or international classification	BSc, PhD																																																		
Personal skills and competences																																																			
Mother tongue(s)	hungarian																																																		
Other language(s)																																																			
Self-assessment <i>European level (*)</i>																																																			
Hungarian																																																			
Serbian																																																			
English																																																			
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> </tr> <tr> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> <td>C2</td><td>Proficient user</td> </tr> <tr> <td>B2</td><td>Independent user</td> <td>C1</td><td>Proficient user</td> <td>C1</td><td>Proficient user</td> <td>C1</td><td>Proficient user</td> <td>B2</td><td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user
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	(*) Common European Framework of Reference for Languages																																																		
Social skills and competences	Team spirit, good ability to adapt to multicultural environment, good communication skills, member Serbian Chemical Society, Secretary of the Analytical Chemistry Division of the Serbian Chemical Society-Vojvodina Branch (2009-)																																																		
Organisational skills and competences	Sense of organisation, experience in project and team work, team spirit: participated as researcher in 3 projects																																																		
Technical skills and competences	Broad experience in instrumental analysis: electrochemical methods (voltammetry), spectroscopy (UV-VIS, IR) chromatography (HPLC)																																																		
Computer skills and competences	Good command of Microsoft Office tools (Word, Excel, PowerPoint) Basic knowledge of graphic design applications (Adobe Illustrator, PhotoShop, Corel Draw) Data bases of Web of Science, Scopus, Science direct Application of different instrument software packages																																																		
Artistic skills and competences	-																																																		
Other skills and competences	-																																																		
Driving licence	B category																																																		

Additional
information

RESEARCH VISITS

- Department of Analytical Chemistry, Faculty of Chemical Technology, University of Pardubice, Pardubice, Czech Republic, 15/02/2008 – 15/03/2008 and 26/01/2009 – 28/02/2009
- Department of Inorganic and Analytical Chemistry, Faculty of Chemical and Bioengineering, Budapest University of Technology and Economics, Budapest, Hungary, 01/07/2008 – 21/07/2008.

AWARDS

- University Awards for success during the studies (2003, 2004, 2005, 2006)
- Fellowship of the Gifted Students' Fund (Novi Sad) in the academic year 2004/05
- Fellowship of the Young Talents' Fund (Belgrade) in the academic year 2005/06
- Kostić Fund Award for the best diploma work in chemical sciences at the universities in Serbia in the academic year 2005/06
- Fellowship of the Richter Gedeon Centenarium Foundation (Richter Gedeon Plc., Budapest), Hungary, 2007
- Yearly Award of the Serbian Chemical Society for the excellent results during the studies, 2007

PROJECTS

- "Development of New and Improvement of the Existing Analytical Methods and Techniques for Monitoring the Quality of Environment", ON142029, Ministry of Education and Technological Development, Serbia, 2006-2010, researcher
- Development of Methods of Chemical Analysis of Neonicotinoids and Pyridine-carboxylic Acid Derivatives", 114-451-00619/2006-01, Secretariat for Science and Technological Development, Autonomous Province of Vojvodina, Serbia, 2007-2010, researcher
- "Sustainable and Green Chemistry Approach for Environmental Friendly Analytical Methods and Energy Storage", ON172012, Ministry of Education and Technological Development, Serbia, 2011-, researcher
- "Investigation of Nanostructured Materials as Potential Heterogeneous Catalysts for Some Sustainable Processes", Ministry of Science and Technological Development, Serbia, 2011-, researcher

PUBLICATION LIST (selected)

1. V. Guzsány, M. Kádár, **Zs. Papp**, L. Bjelica, F. Gaál, K. Tóth, "Monitoring of Photocatalytic Degradation of Selected Neonicotinoid Insecticides by Cathodic Voltammetry with a Bismuth Film Electrode", *Electroanal.* 20 (2008) 291-300.
2. **Zs. Papp**, I. Švancara, V. Guzsány, K. Vytřas, F. Gaál, "Voltammetric Determination of Imidacloprid Insecticide in Selected Samples Using a Carbon Paste Electrode", *Microchim. Acta* 166 (2009) 169-175.
3. V. Guzsány, **Zs. Papp**, S. Lazić, F. Gaál, L. Bjelica, B. Abramović, "A Rapid Spectrophotometric Determination of Imidacloprid in Selected Commercial Formulations in the Presence of 6-Chloronicotinic Acid", *J. Serb. Chem. Soc.* 74 (2009) 1455-1465.
4. V. Guzsány, N. Banić, **Zs. Papp**, F. Gaál, B. Abramović, "Comparison of Different Iron-Based Catalysts for Photocatalytic Removal of Imidacloprid", *Reac. Kinet. Mech. Cat.* 99 (2010) 225-233.
5. **Zs. Papp**, V. Guzsány, Sz. Kubiak, A. Bobrowski, L. Bjelica, "Voltammetric Determination of the Neonicotinoid Insecticide Thiamethoxam Using a Tricresyl Phosphate-Based Carbon Paste Electrode", *J. Serb. Chem. Soc.* 75 (2010) 681-687.
6. **Zs. Papp**, V. Guzsány, I. Švancara, K. Vytřas, "Carbon Paste Electrodes for the Analysis of Some Agricultural Pollutants and Trace Metals", *J. Agric. Sci. Technol. (ISSN 1939-1250, USA)* 5 (2011) 85-92.
7. V. Guzsány, **Zs. Papp**, L. Bjelica, F. Gaál, "Voltammetric Monitoring of Photocatalytic Degradation of Imidacloprid, Nitenpyram and Acetamiprid Neonicotinoid Insecticides", *Sensing in Electroanalysis (K. Vytřas, K. Kalcher, I. Švancara, eds.), Vol. 3*, ISBN 978-80-7395-087-3, University of Pardubice, Pardubice, Czech Republic, 2008, 105-116.
8. **Zs. Papp**, I. Švancara, V. Guzsány, K. Vytřas, F. Gaál, L. Bjelica, B. Abramović, "New Applications of Tricresyl Phosphate-Based Carbon Paste Electrodes in Voltammetric Analysis", *Sensing in Electroanalysis (K. Vytřas, K. Kalcher, I. Švancara, eds.), Vol. 4*, ISBN 978-80-7395-212-9, University of Pardubice, Pardubice, Czech Republic, 2009, 47-58.

Annexes

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Signature