

## DANIJELA AŠPERGER, Scientific Personal Identification Number: 255064

**Date and place of birth:** December 22, 1973, Zagreb (Croatia)

**Affiliation:** University of Zagreb, Faculty of Chemical Engineering and Technology, Croatia

**Status:** Associated professor

**Research fields:** Analytical Chemistry (chromatography, spectrometry and sample preparation); Environmental Chemistry; Toxicology (ELIZA, *Vibrio fischeri*)

### **Academic background:**

- PhD in Chemistry, University of Zagreb, (2007).
- Master of Science in Analytical Chemistry, University of Zagreb, (2003).
- Degree in Chemical Technology, University of Zagreb, (1998).

### **Professional experience:**

- Associated professor (2013-present), Faculty of Chemical Engineering and Technology
- Assistant professor (2009-2013), Faculty of Chemical Engineering and Technology
- Research associate (2007-2009), Faculty of Chemical Engineering and Technology
- Research fellow (1999-2007), Faculty of Chemical Engineering and Technology

### **Projects:**

#### National projects:

- 2015-2019 Fate of pharmaceuticals in the environment and during advanced wastewater treatment (PharmaFate), project participant
- 2007-2013 Development of advanced analytical methods for determination of pharmaceuticals in the environment, participant
- 2002-2007 Chemometric optimization and evaluation of separation parameters, participant
- 2002-2003 Improving the quality of pharmaceutical preparations, participant
- 1999-2000 Organic matter in drinking water, participant

#### International projects:

- 2012-2013 Determination of toxicity and physico-chemical properties of pharmaceuticals, Bilateral project Croatia-Slovenia, Croatian project leader
- 2007-2010 Reduction of Environmental Risks Posed by Pharmaceuticals and Their Degradation Products in Process Wastewaters, through RO/NF Membrane Treatment (REPHAD) UKF project, participant
- 2007-2008 Development of chromatographic methods for proanthocyanidins determination in food and nutraceuticals, Bilateral project Croatia-Slovenia, participant
- 2004-2007 Reduction of Environmental Risks, Posed by Emerging Contaminants, through Advanced Treatment of Municipal and Industrial Wastes (EMCO) (INCO CT 2004-509188) FP6, participant

### **Publications**

**HIRSCH INDEX:** 9 (July 2015, Scopus)

**Times cited:** 358 (July 2015, Scopus)

**SCI papers:** 26 (23 in CC journals)

**Book chapters:** 4

### **3 the most important publications in respectable peer reviewed scientific journals:**

1. D. Ašperger, S. Babić, D. Mutavdžić Pavlović, D. Dolar, K. Košutić, A. J. M. Horvat, M. Kaštelan-Macan, SPE-HPLC/DAD determination of trimethoprim, oxytetracycline and enrofloxacin in water samples, *International Journal of Environmental Analytical Chemistry* **89**(2009)8-12. IF=1.703, Q3, Times cited=9
2. L. Kantiani, M. Farre, D. Ašperger, F. Rubio, S. Gonzalez, M. Lopez de Alda, M. Petrović, L. W. Shelver, D. Barcelo, Triclosan and methyl-triclosan monitoring study in the northeast of Spain using a magnetic particle enzyme immunoassay and confirmatory analysis by gas chromatography-mass spectrometry, *Journal of Hydrology*, **361**(2008)1-9. IF=2.305, Q1, Times cited=25
3. M. Farre, D. Ašperger, L. Kantiani, S. Gonzalez, M. Petrović, D. Barcelo, Assessment of the acute toxicity of triclosan and methyl triclosan in wastewater based on the bioluminescence inhibition of *Vibrio fischeri*, *Analytical and Bioanalytical Chemistry* **390**(2008)1999-2007. IF=3.328, Q1, Times cited=39