

Sandra Šikić, PhD, Institute of Public Health "Dr. Andrija Štampar"

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Five selected publications:

1. Tkalec M, Peharec Štefanić P, Cvjetko, P, Šikić, S; Pavlica, M, Balen, B. 2014. The effects of cadmium-zinc interactions on biochemical responses in tobacco seedlings and adult plants. *PLOS ONE* 9, e87582
2. Peharec Štefanić P, Šikić S, Cvjetko P, Balen B. 2012. Cadmium and Zinc Induced Similar Changes in Protein and Glycoprotein Patterns in Tobacco (*Nicotiana tabacum* L.) Seedlings and Plants. *Arhiv za higijenu rada i toksikologiju* 63: 321-335
3. Balen B, Tkalec M, Šikić S, Tolić S, Cvjetko P, Pavlica M, Vidaković-Cifrek Željka. 2011. Biochemical responses of *Lemna minor* experimentally exposed to cadmium and zinc. *Ecotoxicology* 20: 815-826.
4. Cvjetko P, Tolić S, Šikić S, Balen B, Tkalec M, Vidaković-Cifrek Ž, Pavlica M. 2010. Effect of copper on the toxicity and genotoxicity of cadmium in duckweed (*Lemna minor* L.) *Arhiv za higijenu rada i toksikologiju* 61: 287-296.
5. Cvjetko P, Tkalec M, Šikić S, Tolić S, Vidaković-Cifrek Z, Pavlica M. 2009. Genotoxicity Assessment of Heavy Metal Mixtures by *Lemna minor*. *Environmental and Molecular Mutagenesis*. 50; 574-574.

List of publication at <https://bib.irb.hr/lista-radova?autor=331362>

Other papers: in total 4 scientific paper in home and international research journals, 20 conference reports, abstracts and nonscientific papers

Work experience: 2013-now Deputy Director, Institute of Public Health "Dr. Andrija Štampar", Zagreb, Croatia, 2012–2013 Head of Department of Environmental Protection and Health Ecology, 2010–2012 Head of Water research Department, 2003-2010 Head of Drinking, Surface and Ground Water Laboratory, 1999-2003 technical assistant, Water Research Department (Institute of Public Health "Dr. Andrija Štampar", Zagreb, Croatia), 1996-1999 CT marketing

Education: 2011 PhD in Biology; 2009 MSc in Biology - Toxicology; 1997 BSc in Chemistry (Faculty of Science, University of Zagreb, Croatia)

Training: International School of Ion Chromatography (Slovenia/Croatia), Education in Gas Chromatography (Germany), Education in IC-VA detection (Bulgaria), Accreditation-recognition of competence (Slovenia), HMD (Croatian Measurement Society): Application of HRN EN ISO/IEC 1075, Internal Audits, Validation of analytical methods, Measurement Uncertainty, Statistical methods for the analysis of measurement results, Risk management, Role of management in accredited laboratories

Organizational skills and competences: Member of Scientific organization committee of Scientific Meetings "Water and public water supply" (2011-2013), Member of program Committee of 5th Counseling "Laboratory experience in applying HRN EN ISO/IEC 17025

Membership in science and professional organizations and bodies: Technical committee TO 147- Water Quality, National Institute for Standards and Metrology (2000-2005), member of the working group for the preparation of the negotiations - the acquis communautaire - 12: Food Safety, Veterinary and Phytosanitary policy (2005), member of the Team for health of the City of Zagreb (2013-), Member of Commission for Environmental Health of Ministry of Health (2014)