

Petra Cvjetko, PhD, Researcher, Department of Biology, Faculty of Science, University of Zagreb

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Five selected publications:

1. Cvjetko P, Balen B, Peharec Štefanić P, Debogović L, Pavlica M, Klobučar GV. 2014. [Dynamics of heat-shock induced DNA damage and repair in senescent tobacco plants](#). *Biologia plantarum* 58: 71-79.
2. 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
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, Cvjetko I, Pavlica M. 2010. [Thallium Toxicity in Humans](#). *Arhiv za higijenu rada i toksikologiju* 61: 111-1195.
5. 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.

Other papers: in total 16 scientific paper in home and international research journals, 14 conference proceedings

List of publication at <http://bib.irb.hr/mzos/lista-radova?autor=266261>

Work experience: 2008-now researcher, 2006-2008 assistant (Division of Biology, Faculty of Science, University of Zagreb, Croatia)

Education: 2010 PhD in Biology; 2002 BSc in Molecular Biology (Faculty of Science, University of Zagreb, Croatia)

Training: 2008 Molecular diversity analysis, University of Zagreb, Faculty of Agriculture.

Research and other project:

2013 researcher on project funded by University of Zagreb: „Molekularna osnova abiotičkog stresa uzrokovanog teškim metalima (leader Prof.dr.sc. M.Pavlica)“

2010-2014 researcher on project funded by MZOŠ (Ministry of Science, Education and Sports Republic of Croatia): „Differential protein expression in plant cells“ (leader Prof.dr.sc. M.Krsnik-Rasol, Prof.dr.sc. B. Balen)

2007-2008 assistant, 2008-2014, researcher on project funded by MZOŠ (Ministry of Science, Education and Sports Republic of Croatia): „Effects of environmental contamination on genetic structure of aquatic organisms“ (leader: prof. dr. sc. G. Klobučar)

2002-2006 assistant on project funded by MZOŠ: „Diversity, structure and evolution of genomes of higher plants and some animals“ (leader: prof. dr. sc. D. Papeš)

Teaching: Practicals in Biology of the cell, Practicals in Genetics, Practicals in Methods of Proteins Investigations - Undergraduate study programme (BSc)

Mentorship: 16 graduation thesis

Membership in science organizations and bodies: Croatian Biological Society, Croatian Society of Plant Biologists