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## EDUCATION

### *Education and Professional Qualifications*

1997	University of Ljubljana	Doctoral degree in Organic Chemistry
1994	University of Ljubljana	MSc in Chemistry
1990	University of Ljubljana	BSc in Chemistry

### *Academic Awards*

1997	Krka's award
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## EMPLOYMENT

### *Academic*

2002 – 2007	University of Nova Gorica	Assistant Professor in Chemistry
1999 – 2002	University of Nova Gorica,	Teaching assistant

### *Research*

2006 – Present	University of Nova Gorica	Head of Lab. for Environmental Research
1997 - Present	University of Nova Gorica	Research Associate
1990 - 1997	University of Ljubljana.	Young researcher

### *Honorary*

Editorial Board	Archives of Industrial Hygiene and Toxicology
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## TEACHING

Organophosphorus and neonicotinoid insecticides – degradation and toxicity  
Development of analytical methods for the determination of polyphenols in different fruits  
Environmental impact assessment

### *PROJECTS 1999-2007*

2007-2009	The application of yeast cells for the toxicity determination of selected neonicotinoids on genome level – project coordinator;
2007-2009	Application and validation of toxicity test with terrestrial isopods for nanoparticles;
2007-2008	Investigations of photodegradation processes of organophosphorus pesticides – degradation mechanism and toxicity of byproducts (bilateral slovene – french project);
2005-2007	Biological methods for wastewater treatment – Center of Excellence for Environmental Technologies, workpackage. Photochemical degradation of pesticides;
2005 – 2006	Determination of anthcyanins in plant origin samples – (bilateral slovene – denish project);
2004- 2006	Chemical and biological monitoring of neonicotinoids and their impact assessment in the environment – project coordinator
2004 – 2005	Photodegradation of biologically active organic compounds (drugs and pesticides) and determination of the toxicity of metabolites (bilateral slovene – Srbo-Montenegro project)
2004 – 2005	Degradation of organophosphorus compounds by $\gamma$ - irradiation (bilateral slovene – croatian project)
2003 – 2004	Monitoring, degradation and the influences of pollutants and their photoproducts, Leonardo da Vinci project - mobility - project coordinator

- 2002-2006 Terroir as an element of competitive position of harvest of grape cv Rebula in Goriška Brda – project coordinator
- 2001-2003 Joint Effects of Binary mixtures of Cadmium, Zinc and Mercury on Selected Test Animals and Plants - Slovenian national project;
- 1999-2001 Degradation of some organophosphorus compounds (project coordinator)

#### **MEMBERSHIP OF ACADEMIC ASSOCIATIONS**

- Slovenian Chemical Society (since 1990)
- Slovenian Society of Toxicology (since 2000)