

MARTINA BERGANT MARUŠIČ
Curriculum vitae

Date and Place of Birth: 14th November 1976, Ljubljana, Slovenia

Home Address: Trg Jožeta Srebrniča 1, SI-5250 Solkan, Slovenia

E-mail: martina.bergant@ung.si

Education:

2001 - University Degree in Biology (B.Sc.) University of Ljubljana, Biotechnical Faculty,
Department of Biology

2006 - PhD in Biotechnology, University of Ljubljana, Biotechnical Faculty

Advanced training:

2004 3rd International Postgraduate School of Immunogenetics in Transfusion
Medicine, Clinical Immunogenetics and Cell Therapy, Ljubljana, Slovenija, 6.
- 9. 6. 2004

2008 Postdoctoral research work (Tumour virology group, International Centre for
Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy)

2010-13 Postdoctoral research (Tumour virology group, ICGEB, Trieste, Italy)

Employment:

2002-06 Young Researcher, Blood Transfusion Centre of Slovenia, Ljubljana

2006-12 Postdoctoral Associate, Laboratory for Environmental Research, University of
Nova Gorica, Slovenia

2012-16 Research associate and deputy head, Center for Biomedical sciences and
Engineering, University of Nova Gorica

2017- Research associate, Laboratory for Environmental and Life Sciences

Fellowships and Awards:

2008, 2010 ICGEB short-term fellowships (3 months)

2009 International Papillomavirus Society Travel Award (25th International
Papillomavirus Conference, Malmo, Sweden)

2010 ICGEB short-term fellowships (10 months)

2011- 2013 ICGEB long-term fellowship

Committees:

2011- Member of the Commission for GMO management, Ministry of the Environment
and Spatial Planning, Republic of Slovenia

2010- Member of the Quality Assurance Committee, University of Nova Gorica

Professional membership: Slovenian Biochemical Society, Slovenian Immunology
Society, The American Society for Cell Biology, Ljubljana Caving Society

Research

- Human papillomavirus research (HPV capsid proteins, post-translational modifications, HPV infection, intracellular trafficking)
- Technology of the HPV pseudovirus preparation
- Cellular immune response (infected and malignant cells)
- Dendritic cell biology (activation of anti-tumour immune responses)
- Tumour immunotherapy

- Anti-bacterial properties of the thin TiO₂ photocatalytic films
- Genotoxicity and cytotoxicity of nanoparticles and other environmental pollutants

Research projects (PI):

- 2008-2010* Role of PML proteins in the anti-viral immune response (post-doctoral research project - Slovenian Research Agency)
- 2011-2013* The role of HPV L2 protein and sorting nexin 17 in HPV infection (post-doctoral research project-ICGEB)
- 2014-2016* Understanding the molecular basis of infection by oncogenic human papillomaviruses (ICGEB-CRP project)

Pedagogic work

Academic title: assistant professor in the field of molecular and cell biology

Lectures and practical work:

- 2006-2009* Practical work, courses Biology and General Microbiology, Bachelor's program Environment, School of Environmental Sciences, University of Nova Gorica (UNG)
- 2013* Lectures, Course Cancer and Environment, Master's program Environment, School of Environmental Sciences, UNG
- 2014-* Lectures, course Biotechnology and Environment, Bachelor's program Environment, School of Environmental Sciences, UNG
- 2015-* Lectures, courses Biochemistry and Cell biology, Bachelor's program in Viticulture and Enology, School for Viticulture and Enology, UNG