

Asst. Prof. Maja Barbalić

Scientific Personal Identification Number: 243002

Education: Ph.D. in Biology, University of Zagreb, Faculty of Science, 2007
M.S., Biological Anthropology, University of Zagreb, Faculty of Science, 2004
B.S., Molecular Biology, University of Zagreb, Faculty of Science, 2001

Academic Appointments:
2012-2013, Assistant Professor, University of Split School of Medicine
2007-2011, Postdoctoral fellow / Assistant Professor at The University of Texas Health Science Center at Houston, Center for Human Genetics
2001-2007, Research Fellow, Institute for Anthropological Research Zagreb, Croatia

Teaching Responsibilities:
2012 - "Medical Biology", Medical studies and Medical Studies in English, University of Split School of Medicine
2009-2011, "Applied genetic methods in public health", The University of Texas Health Science Center at Houston

Awards/scholarships:
2001-2007, Junior Research Fellowship, Ministry of Science of the Republic of Croatia
Jan-May 2006, The British Scholarship Trust fellowship
Sep-Dec 2003, French Government Scholarship for Graduate Research Internship

Projects:

- 2016-"Knowledge and Discoveries", project "Analysis of immunologic response to food proteins in development of Hashimoto's thyroiditis", Foundation Adris program
- 2014-"Identification of new genetic loci implicated in regulation of thyroid and parathyroid function", Croatian Foundation for Science grant, Medical School University of Split
- 2014-"Genome-wide association analysis of Hashimoto thyroiditis", Croatian Foundation for Science Installation grant, Medical School University of Split
- 2010-2011-"Genetics and Personalized Medicine: From Population Studies to Clinical Therapy", NIH
- 2010-2011-"Human Exome Sequencing in Six Well-Phenotyped NHLBI Cohorts", NIH
- 2007-2011-"Modeling DNA Diversity in Reverse Cholesterol Transport", NIH
- 2009-2011-"Building on GWAS for NHLBI-disease: the CHARGE consortium", NIH
- 2007 "„Complex traits variation and health in children, adults and centenarians", Ministry of Science, Education and Sports, Republic of Croatia
- 2002-2006-"Population structure of Croatia-biomedical approach", Ministry of Science, Education and Sports, Republic of Croatia

Expertise:

Maja Barbalić has developed interest and expertise in the field of genetics of human diseases throughout her scientific carrier. The largest portion of her research has been focused on understanding and elucidation of genetic background of complex diseases. She led or was part of big international groups that identified a number of novel genes associated with various, mostly cardiovascular, phenotypes. With the advance of technology her projects evolved from candidate genes studies through genome wide association studies to exome and genome sequencing studies. As a result of these projects, she published 35 scientific papers as an author (with an average impact factor of 9.93) and she has been cited 4004 times. She also published additional 36 scientific papers as a member of big scientific consortia.