

**Maja Barbalić****Academic title:** assistant professor**MZOŠ number:**243002**Work address:** University of Split, School of Medicine, Šoltanska 2, 21000 Split  
Tel.++38521557783, e-mail: maja.barbalic@gmail.com**Education:** University of Zagreb, Faculty of Science (Zagreb, Croatia)

Ph.D. in Biology	2007
M.S. in Biological Anthropology	2004
B.S. in Molecular Biology	2001

**Work Experience:**2012-current Assistant Professor, *University of Split School of Medicine*2010-2011 Assistant Professor *The University of Texas Health Science Center at Houston, Center for Human Genetics*2007-2009 Postdoctoral fellow *The University of Texas Health Science Center at Houston, Center for Human Genetics*2001-2007 *Institute for Anthropological Research (Zagreb, Croatia), Research Fellow***Teaching Responsibilities:**

2012-current Medical Biology (University of Split School of Medicine)

2009-2011 Applied genetic methods in public health (The University of Texas Health Science Center at Houston)

**Expertise:** During years of her education and research, Maja Barbalić has developed interest and expertise in the field of genetics of human diseases. Largest portion of her research was focused on understanding and elucidation of genetic background of complex diseases with a particular focus on cardiovascular disorders. She led or was a 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. All these studies require application of statistical methodology in the context of complex disease genetics. As a result of these projects, she has published 34 scientific papers as an author (with an average impact factor of 9.93) and she has been cited 1524 times. She also published 19 scientific papers as a member of big scientific consortia.**Funding and scholarships**

2010-2011 Genetics and Personalized Medicine: From Population Studies to Clinical Therapy (NIH, PI: Christie Ballantyne) – Role: leading the statistical part of the project

2010-2011 Human Exome Sequencing in Six Well-Phenotyped NHLBI Cohorts (NIH, PI: Steven Rich) – Role: participating in organization and working in one of the first projects that involved sequencing of exome human data that also involved understanding of complexity of exome data and its relationship to human phenotypes

2009-2011 Building on GWAS for NHLBI-disease: the CHARGE consortium (NIH, PI: Eric Boerwinkle) – Role: organizing and leading GWAS projects on several phenotypes related to cardiovascular diseases and participating in many other GWAS groups. All of them had a highly international character involving a large number of scientists from US and Europe.

2007-2011 Modeling DNA Diversity in Reverse Cholesterol Transport (NIH, PI: Eric Boerwinkle)

2007 Complex traits variation and health in children, adults and centenarians (Ministry of Science, Educ.

2002-2006 Population structure of Croatia-biomedical approach (Ministry of Science, Education and Sports, Republic of Croatia, PI: Nina Smolej Narančić)

2006 Jan-May, British Scholarship Trust

2003 Sep-Dec, French Government Scholarship for Graduate Research Internship

2001-2007 Junior Research Fellowship, Ministry of Science of the Republic of Croatia