

Luka Brčić, M.Sc.

Education:

PhD student in Genetics at TRIBE (Translational Research in Biomedicine), University of Split, School of Medicine, Split, 2015-present

M.Sc. in Mathematics, University of Zagreb, Faculty of Science - Department of Mathematics, Zagreb, 2011-2014

Master thesis: "Stochastic modeling of population growth"

B.Sc. in Mathematics, University of Zagreb, Faculty of Science - Department of Mathematics, Zagreb, 2007-2011

Academic Appointments:

Research assistant, University of Split, School of Medicine, Split, 2015-present

Teaching Responsibilities:

Teaching assistant, University of Split, University Department of Professional Studies, Split, 2014-present

Subjects: Statistics, Business statistics

Teaching assistant, University of Split, Faculty of Science - Department of Mathematics, Split, 2014-2016

Subjects: Applied statistics, Biostatistics, Numerical mathematics, Differential and integral calculus of functions of one and several variables

Projects:

"Knowledge and Discoveries", project "Analysis of immunologic response to food proteins in development of Hashimoto's thyroiditis", Foundation Adris program, 2016-present

"Genome-wide association analysis of Hashimoto thyroiditis", Croatian Foundation for Science Installation grant, Medical School University of Split, 2015-present

Publications:

Brcic L, Baric A, Gracan S et al. Association of established thyroid peroxidase autoantibody (TPOAb) genetic variants with Hashimoto's thyroiditis. *Autoimmunity*. 2016 Jun 7:1-6.

Additional education/Scientific meetings:

Visited Wellcome Trust Sanger Institute (WTSI) and worked within Applied Statistical Genetics group, Cambridge, United Kingdom, 2016

Work presented at 6th Croatian Congress of Human Genetics, Split, Croatia, 2015

Work presented at Summer school 'From genome-wide association studies (GWAS) to function', Technology park Polaris, Pula (CA), Italy, 2015

Workshop 'Bioinformatics Methods in Genomics', Ruđer Bošković Institute, Zagreb, Croatia, 2015

Expertise:

Luka Brčić is a PhD student at the doctoral program TRIBE (School of Medicine, Split) and is employed as a principal data analyser on the project. Luka has developed expertise in a field of genetics of human diseases, especially in statistical genetics. By attending several specialized courses and workshops, he has gained great theoretical and practical knowledge regarding genome-wide association studies and statistical genetics in general.