

Ljubica Glavaš-Obrovac, MSc, PhD, is a professor with tenure in Biomedicine and Health (Human Genetics, Genomics and Proteomics) at J. J. Strossmayer University of Osijek, Faculty of Medicine. Since 2010, she is the President of the Department of Medicinal Chemistry, Biochemistry and Clinical Chemistry and the Programme Director of Undergraduate and Graduate University Study Programmes in Medical Laboratory Diagnostics at Osijek Faculty of Medicine.

She earned a B.Sc. degree in Biotechnical Sciences at University of Osijek, Faculty of Food Technology, M.Sc. degree in Biotechnology at University of Zagreb, Faculty of Food Technology and Biotechnology, and a Doctor of Science degree in Biomedicine and Health at University of Zagreb, School of Medicine, Zagreb, Croatia.

Professor Glavaš-Obrovac started her professional and research career as a scientific novice at University of Osijek, Faculty of Food Technology, Dept. of Biochemical Engineering. She moved to the Department of Molecular Pathophysiology at Osijek Clinical Hospital Centre in 1998 where she has worked on development of molecular diagnostics methods and simultaneously, she was a project leader of several national and collaborative scientific projects. She co-founded and headed for fifteen years the Clinical Department of Molecular Diagnostics and Tissue Typing in Osijek Clinical Hospital Centre. In 2002, she obtained her *venia docendi* (habilitation) for Biochemistry and Molecular Biology and was part-time appointed at Osijek Faculty of Medicine until 2006. From 2006 – 2010 she was part-time appointed as an associate professor for Biochemistry and Molecular Biology and since 2010 she is full time appointed at the Osijek Faculty of Medicine, J. J. Strossmayer University of Osijek as a full professor for Human Genetics, Genomics and Proteomics.

She was awarded by bilateral collaborative and national scientific projects and has been trained in the molecular diagnostics, tissue typing, bioinformatics, human genetics, and in molecular medicine at several domestic and international institutions. She has also organized or participated in the organization of numerous international scientific conferences as a president or member of scientific and organizing committees. She has served as a member of review panels for the Croatian “Unity of knowledge” and Croatian Ministry of Science, Education and Sports projects proposals. She is a reviewer for 8 peer reviewed journals. Her professional work has been recognized by Ministry of Health and Social Welfare of the Republic of Croatia (Recognition to members of the multidisciplinary team for a kidney transplant KBC Osijek) and by the Croatian Society for Biochemistry and Molecular Biology (Recognition for significant contribution to the development and organization of the Croatian Society for Biochemistry and Molecular Biology).

Her current research focuses on phenotypic profiling and testing anti-tumor effects of novel compounds, in studying genetic background of autoimmune thyroid disease and diseases associated with polymorphisms of HLA.

In last 18 years she has established two research groups. Research group that works in the Laboratory of Tissue Culture and Functional Genomics at Osijek Faculty of Medicine is focused on determination of biologically active molecules with significant antitumor activity that would represent interesting potential pro-drugs and/or drugs. During her postdoctoral training at the Centre Nationale de Genotypage, Evry, France, professor Glavaš-Obrovac worked on molecular basis of autoimmune thyroid diseases and on bioinformatics support in genomics research. Based on gained knowledge she established a research group at the Department of Molecular Diagnostics and Tissue Typing, Osijek Clinical Hospital Centre. Members of this research group are involved in studies of molecular basis of autoimmune thyroid diseases.

With the patent application the results of the work of professor Glavaš-Obrovac and her research groups are published in more than 50 international journals and presented at conferences through plenary and invited lectures as well as oral and poster presentations. A part of the gained knowledge is applied in diagnostics as well. Scientific and expert collaborations are established with the University of Pécs (Hungary), University of Warsaw (Poland); University of Sao Paulo (Brazil), Palacky University, Olomouc (Czech Republic), University of Sofia (Bulgaria), and also with the number of Croatian scientific and scientific-educational institutions.