



Nataša Golić

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Work: Vojvode Stepe 444a Group for Probiotics and Microbiota-Host Interaction, 11
042 Belgrade 152 (Serbia)

ABOUT ME

Full Research Professor and Head of the [Probiotics and Microbiota-Host Interaction Group](#), Institute of Molecular Genetics and Genetic Engineering University of Belgrade (IMGGE) with almost 30 years of research experience. Mentor of a number of master's and doctoral theses and the author of 74 scientific papers published in peer-reviewed international journals. The author of one national and international patent (PCT).

Active in technology transfer as the Head of the Technology Transfer Sector at IMGGE since 2016. Mentor and motivational trainer to encourage researchers to commercialize their knowledge and innovations and start their own business.

CEO and co-founder of the start-up company [Invetlab](#), the spin-out company of IMGGE founded with the aim of developing and commercializing innovations in biotechnology. One of the inventors of probiotics for the prevention and treatment of intestinal infections in animals, which is successfully commercialized as HiraVet as an alternative to antibiotics in livestock production. The innovation was awarded by the Belgrade Chamber of Commerce in 2015 and the City of Belgrade in 2019. The innovative probiotic Hiravet has been available on the Serbian market since March 2018.

Co-founder of the start-up company [DIASOLUTION](#), the spin-out company of IMGGE founded with the aim of commercialization of innovative probiotic for diabetes management. Diasolution probiotic is at the moment in clinical trial at University Clinical Centre in Belgrade, Serbia, at Department of Endocrinology, Diabetes and Metabolic Diseases.

WORK EXPERIENCE

Full Research Professor

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2013 – Current]

City: Belgrade

Country: Serbia

Head of Group for Probiotics and Microbiota-Host Interaction

Head of the Sector for Technology Transfer

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2016 – 2023]

City: Belgrade

Country: Serbia

CEO, co-owner

Invetlab d.o.o. Belgrade [2015 – Current]

City: Belgrade

Country: Serbia

Co-owner

Diasolution doo Belgrade [2021 – Current]

City: Belgrade

Country: Serbia

Management representative of the Quality Management System

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2008 – 2011]

City: Belgrade

Country: Serbia

Deputy director

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2006 – 2007]

City: Belgrade

Country: Serbia

Senior Research Associate

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2005 – 2012]

City: Belgrade

Country: Serbia

Research Associate

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [2000 – 2005]

City: Belgrade

Country: Serbia

Research Assistant

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [1996 – 2000]

City: Belgrade

Country: Serbia

Research Trainee

Institute of Molecular Genetics and Genetic Engineering University of Belgrade [1994 – 1996]

City: Belgrade

Country: Serbia

EDUCATION AND TRAINING

PhD

University of Belgrade Faculty of Biology [1996 – 1999]

City: Belgrade

Country: Serbia

Website: <https://www.bio.bg.ac.rs/>

MSc

University of Belgrade Faculty of Biology [1993 – 1996]

City: Belgrade

Country: Serbia

Website: <https://www.bio.bg.ac.rs/>

BSc

University of Belgrade Faculty of Biology [1987 – 1993]

City: Belgrade

Country: Serbia

Website: <https://www.bio.bg.ac.rs/>

LANGUAGE SKILLS

Mother tongue(s): **Serbian**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office

PUBLICATIONS

[Stability and bioactive compounds assessment of yogurt containing novel natural starter cultures with the ability to promote longevity in *Caenorhabditis elegans*](#)

[2023]

[Myeloid-derived suppressor cells prevent disruption of the gut barrier, preserve microbiota composition, and potentiate immunoregulatory pathways in a rat model of experimental autoimmune encephalomyelitis](#)

[2022]

[Lactobacillus brevis BGZLS10-17 and Lb. plantarum BGPKM22 Exhibit Anti-Inflammatory Effect by Attenuation of NF- \$\kappa\$ B and MAPK Signaling in Human Bronchial Epithelial Cells](#)

[2022]

[Host-commensal interaction promotes health and lifespan in *Caenorhabditis elegans* through the activation of HLH-30/TFEB-mediated autophagy](#)

[2021]

[Fecal microbiota composition associates with the capacity of human peripheral blood monocytes to differentiate into immunogenic dendritic cells in vitro](#)

[2021]

PROJECTS

Novel probiotic for alleviation of the symptoms of diabetes and prediabetes

[2021 – Current]

Project coordinator, StarTech grant, NALED and Philip Moris

Development of technological processes for production of innovative probiotic products for prevention and treatment of intestinal infections in animals

Project coordinator, Project IF ID=50075, Grant Scheme project, Innovation Fund Republic of Serbia

The use of integrative multi-omics approach in cultivation and characterization of gut bacteria related to microbiota-gut-brain axis as a source for Next Generation Probiotics

[2022 – Current]

Principal Investigator, NextGenBiotics, Science Fund Republic of Serbia
