



Dr., PhD, Veselin Bivolarski is a Chief Assistant Professor at the Plovdiv University "Paisii Hilendarski", 24 Tzar Assen, Str. Plovdiv 4000. Faculty on Biology, Department of Biochemistry and Microbiology. He has 13 years of teaching BSc classes in Biochemistry, Enzymology, Metabolic engineering, Biochemical methods for analysis, and 17 years research experience. He is also a researcher in the Center of technologies in Plovdiv University and in the Center of competition "PERIMED". He has published more than 45 papers in international journals and conferences. He is a co-author in 2 filed patents in the field of enzymology and health diagnostics.

Main areas of his research works are:

- Carbohydrate-acting enzymes from lactic acid bacteria for use as tools in the synthesis of prebiotic oligosaccharides.
- Glycosylation of molecules with potential bioactive properties.
- Enzymatic synthesis and modification of polysaccharides.
- Functional characterization and directed modification of glycoside hydrolase enzymes by rational mutagenesis.

His aim is:

- To integrate and apply the constantly evolving scientific knowledge in the development of improved biocatalytic processes delivering new nature-friendly products benefiting various aspects of the human life and activities.

Website:

[Centre of Technologies – Centre of Technologies at the Paisii Hilendarski University of Plovdiv](#)

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