



Università degli Studi di Messina
DIPARTIMENTO DI SCIENZE VETERINARIE



Erasmus+

Seminario :

Trace Elements Profile and Health Risk Assessment of Black Sea Bivalve Species

Prof.ssa Katya Peycheva

Faculty of Pharmacy, Medical University of Varna

Lipidomics of the Sea – Nutritional and Therapeutic Potential of Bioactive Fatty Acids

Prof.ssa Veselina Panayotova

Faculty of Pharmacy, Medical University of Varna

25 maggio 2026 ore 15.00

Dipartimento di Scienze Veterinarie, UNIME

Aula A



Associate Professor Katya Peycheva, Ph.D

Since 2008, Assoc. Prof. Katya Peycheva has been part of the Department of Chemistry at the Faculty of Pharmacy, Medical University of Varna. She teaches Medical Chemistry and Inorganic Chemistry to students in Human Medicine, Dental Medicine, and Pharmacy programs.

Her research interests focus on:

- Trace element analysis in marine organisms
- Analytical control of environmental samples
- Bioaccumulation and toxicological assessment of pollutants

Her work bridges analytical chemistry and environmental toxicology, contributing to the understanding of how trace metals and other toxicants interact within biological and marine systems.



Associate Professor Veselina Panayotova, Ph.D

Assoc. Prof. Veselina Panayotova, Ph.D is a faculty member in the Department of Chemistry at the Faculty of Pharmacy, Medical University of Varna. She teaches Medical Chemistry to students enrolled in Human Medicine, Dental Medicine, and Pharmacy programs.

Her research interests focus on:

- Lipid composition and fatty acid profiling
- Biochemical analysis of lipid metabolism
- Analytical methods for lipid characterization in biological systems

Her work contributes to understanding the biochemical role of lipids in health and disease, emphasizing analytical precision and molecular composition studies relevant to medical and pharmaceutical sciences.



Prof. Svetlana Fotkova Georgieva, Ph.D

Prof. Svetlana Fotkova Georgieva is a senior academic and researcher in Pharmaceutical Chemistry at the Faculty of Pharmacy, Medical University “Prof. Dr. Paraskev Stoyanov” – Varna. She currently holds the position of Dean of the Faculty of Pharmacy, where she plays a leading role in academic development, research strategy, and the advancement of pharmaceutical education.

Her work integrates expertise in pharmaceutical chemistry with a strong commitment to academic leadership, contributing to the growth of the faculty and the training of future pharmacists and medical professionals.

Her research focuses on:

- Medicinal substances with estrogenic activity
- Prediction of reactivity and toxic effects of estrogen active compounds
- Risk assessment of organic compounds and newly synthesized pharmaceutical product
- Creation of databases for reactivity of organic compounds