



Финансирано от
Европейския съюз
NextGenerationEU



Национален план за
възстановяване и
устойчивост
НА РЕПУБЛИКА БЪЛГАРИЯ



PROGRAMME

of the International Scientific Conference

NEW HORIZONS

IN TECHNOLOGY TRANSFER IN PHARMACY

under project
"Medical University–Varna: Enhancement of Translational Excellence
Achievement in Medicine (MUVE-TEAM)"

27 – 28 October 2025
Black Sea Hotel, Varna, Bulgaria



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27th OCTOBER 2025

Day 1: 09:00 – 18:00

09:00 - 09:30 ***Registration***

09:30 - 10:00 **Opening ceremony:**
Welcome and Introduction
Official Greetings

10:00 - 11:00 **Plenary lectures – Part I**
Moderator: Veselina Panayotova
New horizons in antibiotic treatment.
Corr-Member Prof. Georgi Momekov

11:00 - 11:30 ***Coffee break***

11:30 - 12:30 **Plenary lectures – Part II**
Moderator: Veselina Panayotova
Personalized medicine– concepts, application, benefits
and challenges, **Prof. Munis Dunder**

12:30 - 13:30 ***Lunch break***

13:30 - 15:30 **Section Biology, Chemistry and Biochemistry**
Moderator: Katya Peycheva, Oskan Tasinov

Contaminants in the Food Chain: Hidden Threats to
Human Health, **Assoc. prof. Alina Soceanu**

Molecular Biomarkers in Therapy Monitoring: Insights
from Inflammatory Diseases, **Prof. Lubka Roumenina**

Green and Efficient: Subcritical Water Extraction for
Recovering Bioactive Compounds from Plants,
Prof. Petko Denev

Cofactor-Binding Antibodies – Biological Functions and
Therapeutic Innovations, **Assoc. Prof. Jordan Dimitrov**

Biology of Iron Storage and Transport:
Insights from Insect Studies, **Prof. Boris Dunkov**

15:30 - 16:00 ***Coffee break***



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16:00 - 18:00 Pharmaceutical Chemistry, Pharmacognosy and Toxicology
Moderator: Stanila Stoeva-Grigorova, Ivelin Iliev

Molecular Biomarkers in Therapy Monitoring: Insights from Inflammatory Diseases, **Prof. Katarzyna Komosinska-Vashev**

Bioisosteric Design of Bicalutamide Analogues Targeting Prostate Cancer: Synthesis, Molecular Modeling, and Biological Evaluations, **Assoc. prof. Halil Senol**

Pharmacogenetic Approach in the Treatment of CNS Disease, **Prof. Zoran Sterjev**

Drug design strategies in Medicinal chemistry,
Prof. Aleksandar Zlatkov

18:00 - 20:00 Welcome Party /Cocktail/

28th OCTOBER 2025

Day 2: 09:00 – 17:00

09:00 - 09:30 *Registration*

09:30 - 11:00 Section Pharmaceutical Technologies, Pharmacology and Biophysics

Moderator: Viliama Gugleva-Ruseva, Nadezhda Karkheslyan

Scale-up of a Pellet Coating Process, **Prof. Matteo Cerea**

ColOrPlat – Colon Oral Delivery Platform: A Case of Academic Acceleration, **Dr. Saliha Moutaharrik**

New pharmacological perspectives to target key proximal drivers of metaflammation in cardiometabolic diseases,
Prof. Massimo Collino

AI-Driven 3D Printing for Integrated, Patient-Centric Healthcare,
Prof. Milen Dimitrov

11:00 - 11:30 *Coffee break*



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- 11:30 - 12:30** **Plenary lectures – Part III**
Moderator: Viliana Gugleva-Ruseva, Nadezhda Karkkeselyan
Artificial Intelligence in Pharmaceutical Care,
Prof. Valentina Petkova-Dimitrova
- 12:30 - 13:30** ***Lunch break***
- 13:30 - 15:30** **Section Social and Legal Sciences**
Moderator: Galina Petrova, Evgeni Grigorov
The Impact of Technology on Leadership in research,
innovation and implementation, **Prof. Nick Guldemon**
Clinical trials in space, Milica Marinova, Borislav Borisov,
Yoana Cholakova, **Prof. Antoniya Yanakieva**
Beyond the Pill: How AI and Digital Innovation Redefine
the Future of Pharmacy, **Nikolay Petkanov**
- 15:30 - 16:00** ***Coffee break***
- 16:00 - 17:00** **Plenary lectures – Part IV**
Moderator: Galina Petrova, Evgeni Grigorov
Application of AI in Technology Transfer in Pharmacy /online/,
Prof. Asena Serbezova
- 19:00 - 22:30** ***Gala Dinner***