



SOFIA UNIVERSITY
ST. KLIMENT OHRIDSK



EATRIS - Bulgaria National node
at Sofia University "St. Kliment Ohridski" and
Health & Life Science Cluster Bulgaria organize

ACADEMIA-INDUSTRY PARTNERING SYMPOSIUM
"BIOMARKERS IN TRANSLATIONAL MEDICINE"

with the support of the Ministry of Education and Science
and EATRIS-ERIC supported by EATRIS-Connect
Flagship project

We cordially invite you to attend!



ACADEMIA-INDUSTRY PARTNERING SYMPOSIUM "BIOMARKERS IN TRANSLATIONAL MEDICINE"

**НАЦИОНАЛНА ПЪТНА КАРТА
ЗА НАУЧНА ИНФРАСТРУКТУРА
(2020-2027 г.)**

МИНИСТЕРСТВО НА ОБРАЗОВАНИЕТО И НАУКАТА
РЕПУБЛИКА БЪЛГАРИЯ

• 2020



*28 November 2025
Grand Hotel Sofia*

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Grand Hotel Sofia, Sofia

09:30 – 10:00 – Registration at GHS Sofia, Sofia Hall
10:00 – 10:30 – Chair Rossitza Konakchieva, ND, EATRIS-ERIC
- Opening and Welcome addresses
- Introduction to 2025 EATRIS-Bulgaria – Rossitza Konakchieva, ND, Georgi Nikolaev, NC, EATRIS-Bulgaria

10:30 – 13:00 SESSION “AI AND DIGITALIZATION OF TRANSLATIONAL MEDICINE”

10:30 – 10:50 - EATRIS Digital Hub - Nektarios Liaskos, EATRIS, Data Strategy Manager, EATRIS C&S office
10:50 – 11:10 - Health Industry and Academic Research partnership to foster innovation in precision medicine, Health & Life Science Cluster Bulgaria - Kristina Eskenazi, Chairwoman of HLSB
11:10 – 11:30 - Data Governance, Data Stewardship, Cybersecurity - Digital Innovation Hub “TRAKIA” Cyber4All, Hristian Daskalov, Chairman of EDIH
11:30 – 11:50 - Bridging the gap to precision medicine: Bulgarian Hub for genomic data, part of European Genomic data infrastructure (GDI) and Genome of Europe Project – Radka Kaneva, BBMRI-BG Coordinator, Exec Manager of MMC, MU-Sofia

11:50 – 12:00 Coffee break

12.00 – 12.40 Discussion panel: “European Digital Health Data Spaces and AI Factories for Biomarker Innovation”

Moderator: Kristina Eskenazi, HLSB
Participants: Irena Pavlova, Manager EU Projects, GATE Institute and Kiril Kirilov, Director (Brain ++/Petascale Discoverer), Member of EuroHPC
- European Digital Health Data Spaces (VELES project case study)
- AI Factory serving innovations in Biomarker Research

12.40 – 13.00 - General discussion on emerging issues in national context

13:00 – 14:00 – Lunch break (GHS)

14:00 – 18:00 SESSION “BIOMARKER DEVELOPMENT AND PRECISION MEDICINE”

14:00 – 14:30 KEYNOTE LECTURE: Translational Data-driven Innovations to drive Personalized Health(Care) - Alain van Gool, Radboud University Medical Center

14.30 -15.00 KEYNOTE LECTURE – Decoding Cellular Heterogeneity: Single-Cell Multiomics for Biomarker Discovery in Translational Medicine - Ritika Kulshreshtha, Singleron Biotechnologies

15:00 – 15.20 - Decode More, Bias Less: Complementary Single-Cell RNA Sequencing Chemistries Integrated with Nanopore Direct RNA and cDNA Long-Read Sequencing for Unified Biomarker Discovery- Soren Hayrabedian, IBIR “Acad. K. Bratanov” - BAS
15.20 – 15.40 - Ikaros Deletions among Bulgarian Patients with Acute Lymphoblastic Leukemia/Lymphoma – Stephan Lozenov, SU “St. Kliment Ohridski”
15.40 – 16:00 - HMGB1 as a Biomarker and Therapeutic Target in Triple-Negative Breast Cancer: Inhibitory Effects of Metformin on HMGB1/RAGE Signaling - Shazie Myashkova, IMB “Roumen Tsanev” – BAS
16:00 – 16.20 Implementation of AI in medically assisted reproduction (MAR)– Georgui Nikolov, Director, ReproBioMed

16.20 – 16:30 General discussion

16:30 – 17:00 – Coffee break, Online Poster session

17:00 – 18:00– Junior Scientific Session – Short talks TBD

Cocktail, GHS, Sofia Hall

Your attendance will be much appreciated!

Sincerely,

EATRIS-Bulgaria Organizing Committee

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