

Personalised Medicine School

7 - 11 July

Iași, Romania

V2 || 26/06/2025





III Monday, July 7, 2025

09:00 – 10:00 | PM School opening Location MAVIS - Center for Innovation and Technology Transfer

- Cristina Baghiu (EDIH DIZ Coordinator)
- Prof. Dr. Cipriana Stefanescu (president of IMAGO-MOL Cluster)
- Assoc. Prof. Dr. Ionuţ Nistor (Vice Dean, "Grigore T. Popa" University of Medicine and Pharmacy Iaşi, Coordinator of the MAVIS Technology Transfer Center, Consultant in Nephrology, Co-Leader of the Health Group at Digital Innovation Zone)
- Prof. Dr. Bogdan Ionel Tamba (Coordinator of the Advanced Center for Research and Development in Experimental Medicine "Prof. Ostin C. Mungiu" – CEMEX, "Grigore T. Popa" University of Medicine and Pharmacy Iași)
- Assoc. Prof. Dr. Liviu Oprea (Professor, "Grigore T. Popa" University of Medicine and Pharmacy Iaşi, President of the College of Physicians Iaşi)
- **Assoc. Prof. Dr. Gabriela Tătărîngă** (Professor, "Grigore T. Popa" University of Medicine and Pharmacy Iași, President of the College of Pharmacists Iași)
- Cristian Cezar BURUIANĂ (Vice-president of the College of Pharmacists Iași)
- Marius Meer (Iași Regional manager AKKODIS)

10:00 – 13:00 | Foundations of Personalized Medicine Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Introductory lectures, project presentation, guest discussions

Target Audience: Professors, researchers, healthcare professionals, decision-makers in the public/private health sector, entrepreneurs, and health students

Accessibility: No prior training required; introductory level

Session Type: Educational, awareness-raising

Expected Learning Outcomes:

- Understand the concept of personalized medicine
- Identify benefits for patients and healthcare systems
- Learn about the translational path of health innovation

Speakers:

- Assoc. Prof. Dr. Monica-Cristina Panzaru ("Grigore T. Popa" University of Medicine and Pharmacy Iaşi, Medical Genetics Department)
- Montserrat Daban Marín (Director of Strategy and International Relations at BIOCAT)
- TBC César Velasco (Innovation Director at AstraZeneca)

💆 15:00 – 18:00 | Policy & Funding Sessions Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Presentations, examples and practical case Q&A sessions

Target Audience: Professors, researchers, healthcare professionals, decision-makers in the health sector, health entrepreneurs

Accessibility: Helpful but not mandatory to have knowledge in personalized interventions in oncology

Sessions Type: Policy and strategy debate

Expected Learning Outcomes:

- To become familiar with a comprehensive evaluation framework to support the adoption and scaling-up of value-based genomic innovations in cancer care
- Understanding of the innovation adoption pathways and frameworks in healthcare
- Understand legislative initiatives in personalized medicine
- Identify available funding sources for research and implementation
- Clarify the role of public and private actors in supporting the field

Session: Evaluation Framework for Personalized Cancer Medicine & Legislative innovation in PM

30 min presentation (15 min per speaker) with 50 mins discussions (total 1h 20 min) speakers:

- Rossana Alessandrello (Value-based procurement Coordinator, AQuAS Agency for Health Quality and Evaluation of Catalonia) - Evaluation Framework for Personalized Cancer Medicine
- **Dr. Marius Geantă** (President and co-founder of the Center for Innovation in Medicine) *Legislative innovation in PM*





Session: Public & Private, European & Regional funding for Personalized Medicine

30 min presentation (15 min per speaker) with 50 mins discussions (total 1h 20 min) speakers:

- María Cejas (Project Manager at BIOCAT)
- Lidia Mocanu (Head of One Stop Shop Office @ North-East Regional Development Agency)

III Tuesday, July 8, 2025

💆 10:00 – 13:00 | Genomics, Data, and Health Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Lectures, case study, Q&A session

Target Audience: Professors, researchers, healthcare professionals, decision-makers, entrepreneurs, and students

Accessibility: Open to all; no prior technical knowledge needed

Session Type: Informative, sharing best practices

Expected Learning Outcomes:

- Familiarity with terms like omics, biomarkers, and data
- Understand translational challenges and EATRIS's academic support role
- In-depth insight through case study: Al-based platform for managing ischemic stroke

Session proposed program by EATRIS:

10:00-10:45 Introduction to -omics, biomarkers and data - Emanuela Oldoni

10:45-11:30 Challenges in the translational pipeline and how EATRIS supports academics – Rosan Vegter

11:30-12:30 Personalized treatment for colorectal cancers' patients – the REVERT successful story – Prof. Dr. Adrian Iftene (AL. I. Cuza University of Iasi/IMAGO-MOL Cluster)

12:30-13:00 Use case: Development of an AI-based platform to assist clinicians, patient and caregivers in management of ischemic stroke - Sara Zullino

Session speakers:

- Emanuela Oldoni (Scientific Lead for Personalized Medicine at EATRIS)
- Rosan Vegter (Senior Innovation Officer for Rare Diseases at EATRIS)
- Prof. Dr. Adrian Iftene (AL. I. Cuza University of Iasi/IMAGO-MOL Cluster)
- Sara Zullino (Scientific Lead for AI in Medical Applications at EATRIS)
- Prof. Dr. Adrian Iftene (AL. I. Cuza University of Iasi/IMAGO-MOL Cluster)

15:00 – 18:00 | Health Data in Practice Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Thematic presentations and applied demonstrations

Target Audience: Professors, researchers, healthcare professionals, decision-makers, entrepreneurs, and students

Accessibility: Open to all; especially relevant for those interested in digitization and cybersecurity

Session Type: Applied, exploratory **Expected Learning Outcomes**:

- Understand the use of medical data
- Learn basic cybersecurity concepts and NIS directives
- Develop perspectives on genomic data integration in practice

Session: The Molecular Revolution in Patient-Centered Care

- TBC Advanced Research and Development Center for Experimental Medicine CEMEX, "Grigore T. Popa" University of Medicine and Pharmacy Iași
- Dr. Cristina Al-matarneh (Scientific Researcher at the "Petru Poni" Institute of Macromolecular Chemistry) (presentation on - Pyrrol-Sulfonamide Molecules: Innovations in Drug Design)

Session: Health Data and Cybersecurity

Speakers:

- Carmen Mihai (Cluster Manager, IMAGO-MOL Cluster; Co-Leader of Health Group and Medical Innovation Expert at Digital Innovation Zone) Health Data Space Use- case, VELES pilot project
- Dr. Octav Andronic (Assistant Professor General Surgery, Coordinator BigData Analysis Department CieH, Carol Davila University of Medicine and Pharmacy, Bucharest) - Big Data in Medicine: Transforming Healthcare Through Data-Driven Insights
- Lecturer dr.eng Cătălin Mironeanu (Gheorghe Asachi Technical University of Iași, Senior Expert at Digital Innovation Zone)





18:30 – 21:00 | International networking session with Health Innovation Zone stakeholders – Part of EDIH DIZ project

Wednesday, July 9, 2025

0 10:00 – 13:00 | AI, Digital Tools & Innovation Ecosystem Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Thematic lectures and panels

Target Audience: Professors, researchers, healthcare professionals, decision-makers, entrepreneurs, and students

Accessibility: Basic understanding of AI and personalized medicine helpful, but not mandatory

Session Type: Exploratory, inspirational

Expected Learning Outcomes:

• Understand AI solutions for health

- Learn how innovation is generated and supported in ecosystems
- Clarify the role of startups and private industry

Speakers:

- Montserrat Daban Marín (BIOCAT)
- Kristina Eskenazi (President, Bulgarian Cluster for Health and Life Sciences)
- Mihaela Onofrei (CEO, Apollo Al Technologies)
- Florin Cardasim (Co-founder, Strongbytes) Moderator

💆 15:00 – 18:00 | Market Access & Case Studies Location MAVIS - Center for Innovation and Technology Transfer

Activity Type: Presentations followed by moderated discussions and Q&A

Target Audience: Entrepreneurs, healthcare managers, investors, business consultants

Accessibility: Intermediate level - basic knowledge required

Session Type: Collaborative Expected Learning Outcomes:

- Understand market access challenges
- Explore Blue Ocean strategies in healthcare
- · Raise awareness of data ownership issues

Speakers:

- TBC Montserrat Daban Marín (BIOCAT)
- Chus Castillo (General Manager Consulting in Lifesciences (Strategy, Market Acces, Innovation, Transformation, Digital, AI, Clinical, Commercial)) Digitial Access in European countries
- Ion Petrovai (FreshBlood) Stakeholder mapping and managing
- Núria Martí (Director of Innovation & Business Development, BIOCAT) (Online)
- Kristina Eskenazi (President, Bulgarian Cluster for Health and Life Sciences)

III Thursday, July 10, 2025

10:00 – 13:00 | Ethics, Trust, and Regional Collaboration <u>Location MAVIS - Center for Innovation and Technology</u> <u>Transfer</u>

Activity Type: Thematic panels and best practice sharing

Target Audience: Professors, researchers, healthcare professionals, decision-makers, entrepreneurs, and students

Accessibility: Open to all; especially relevant to those involved in regulation and regional collaboration

Session Type: Reflective and collaborative

Expected Learning Outcomes:

- Understand ethical principles in medical data usage
- Identify effective regional collaboration models
- Promote trust and transparency in health systems

Speaker:

- Kristina Eskenazi (Bulgarian Health & Life Sciences Cluster)
- College of Physicians lasi

15:00 – 18:00 | Increasing Accessibility to Advanced Therapies AKKODIS <u>Location MAVIS - Center for Innovation and Technology Transfer</u>

Activity Type: Lecture, concepts, case studies & individual activities

Target Audience: Professors, researchers, healthcare professionals, decision-makers, entrepreneurs, and students





Topics:

- What are the current challenges associated with commercialisation of new advanced therapies (cell and gene therapies) for rare disease?
 - Costs
 - Lack of economically viable targets
 - The HTA process and how this effects reimbursement
- Leveraging centres of excellence to redefine the development cycle

Expected Learning Outcomes:

- Be able to connect the differences between rare disease drug development with that of traditional medicines
- Understand the bottlenecks that limit accessibility to advanced therapies
- Conceptualise new ways of addressing drug development to increase accessibility to advanced therapies

Session proposed program by AKKODIS:

15:00 - 15:10 Introductions

15:10 – 16:30 Lecture and individual activities (What are rare diseases? The unique regulatory landscape associated with RD. Costs of development and manufacturing of advanced therapies. Lack of economically viable targets. The HTA process and how this effects reimbursement. Q&A)

16:30 - 16:45 Break

16:45 - 17:30 Lecture, concepts, case studies (Swedish ATMP, AGORA, Multithera)

17:30 - 18:00 Q&A and conclusions

Speakers:

- Dr Samir Nuseibeh (Speaker) from KU Leuven-Belgium.
- Dr Patrick Tjok Joe (Moderator) from Akkodis-Belgium

III Friday, July 11, 2025

○ 10:00 – 12:00 | Networking and Business Breakfast - Opportunity to connect with peers, speakers, and industry representatives. Location MAVIS - Center for Innovation and Technology Transfer

12:00 - 17:00 | Study Visits

Activity Type: Guided visits to health institutions

Target Audience: Onsite participants interested in concrete applications

Accessibility: Physical presence required, limited spots

Session Type: Practical immersion

Expected Learning Outcomes: Understand how research is implemented in real-world contexts and observe the application of personalized medicine in the regional health system at:

- Center of Advanced Research in Bionanoconjugates and Biopolymers, "Petru Poni" Institute of Macromolecular Chemistry, Iași
- Center of Fundamental Research and Experimental Development in Translational Medicine TRANSCEND, Regional Institute of Oncology, Iași
- Advanced Research and Development Center for Experimental Medicine CEMEX, "Grigore T. Popa" University of Medicine and Pharmacy Iași