

# PMNET

PRECISION MEDICINE NETWORK



## Forum

# 4<sup>TH</sup> PRECISION MEDICINE NETWORKING FORUM

**OCTOBER 9-10, 2025**

**RIGA, LATVIA**

[www.pmnetforum.com](http://www.pmnetforum.com)

### ORGANIZERS



### EMPOWERED BY

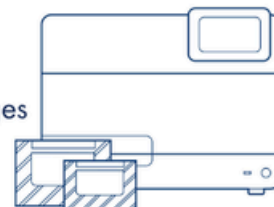


**MISSION  
Latvia**

## Automated extraction

### EZ2 Connect

- DNA and RNA from 1-24 samples at the same time
- Reproducibility & convenience with pre-filled reagent cartridges
- High sensitivity with large-volume (10 mL) processing



## Syndromic testing

### QIAstat-Dx Analyzer

- Respiratory, Gastrointestinal, Meningitis/Encephalitis Panels
- Comprehensive results in ~1 hour with multiplex PCR
- No precision pipetting required



## Digital PCR



### QIAcuity Digital PCR System

- Fully integrated system with nanoplate format
- Advanced multiplexing capabilities (up to 12 plex)
- Rare mutation detection, CNV analysis, gene expression and more

## Next Generation Sequencing



### QIAseq - revealing the answers

- Library preparation solutions for DNA/RNA/Multimodal sequencing
- Compatibility with various sequencers
- Targeted, WGS, WTS, and other panels

## Bioinformatics

### Digital tools for actionable insights from biological data

- CLC Genomics Workbench
- QCI Interpret: Clinical Insights Interpret
- IPA: Ingenuity Pathway Analysis
- HGMD: Human Gene Mutation Database



**CLICK HERE TO DISCOVER MORE:**

Sample to Insight - QIAGEN

[www.qiagen.com](http://www.qiagen.com)

Commercial partners of QIAGEN

[www.hydrox.lv](http://www.hydrox.lv)

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## MISSION

To improve patient care and outcomes by promoting development and adoption of Precision Medicine

## VISION

Riga is one of the Precision Medicine centres of Europe



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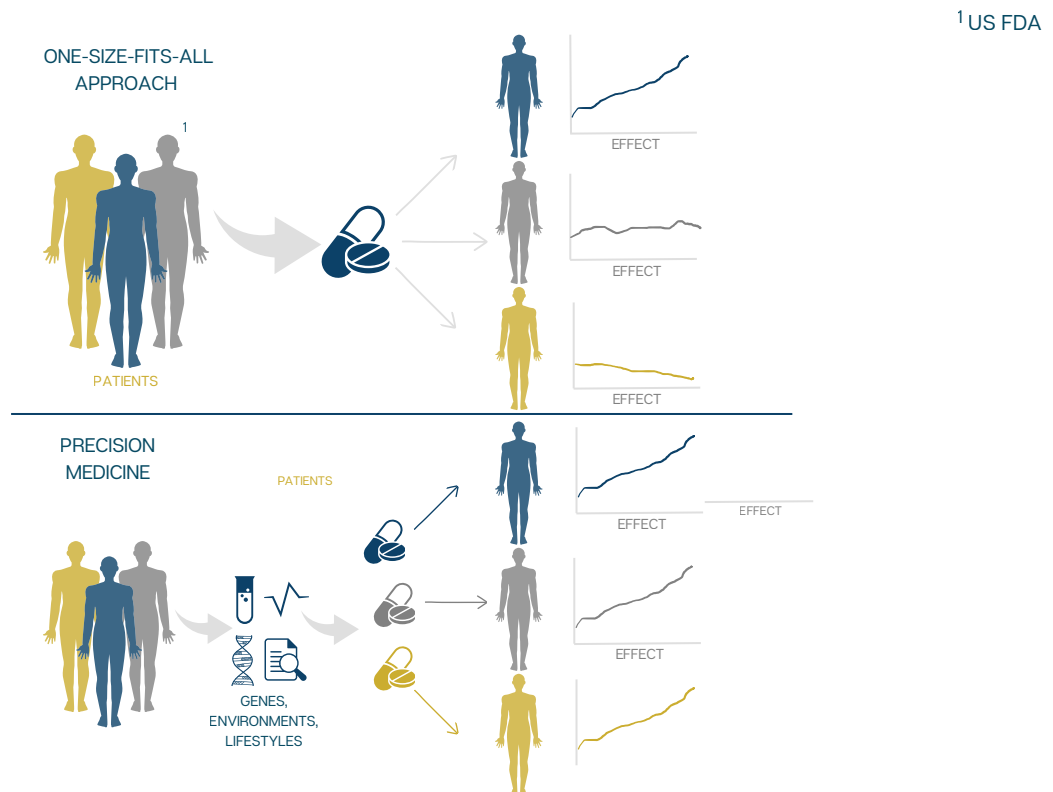
# PMNET NETWORK



**PATIENTS ARE AT THE HEART OF WHAT WE DO**

## PRECISION MEDICINE

Precision medicine, sometimes known as "personalized medicine" is an **innovative approach** to tailoring disease prevention and treatment that takes into account **differences in people's genes, environments, and lifestyles**.



Precision medicine is the future of healthcare and enables more accurate diagnostics, more effective treatments and better outcomes for the patients. With its innovative approaches, precision medicine is the future of healthcare, aiming for improved patient care and outcomes. New technology enables the collection of large amounts of health data from individuals, giving us a more detailed understanding of diseases and health. Information about genetics, environment, and lifestyle enables customized prevention, diagnostics, treatment, and follow-up.

More accurate diagnostics and effective treatments also mean fewer negative effects and increased survival rates. In other words, precision medicine enables the right interventions for each individual patient at the right time. Precision medicine requires novel, cross-disciplinary ways of working and increases cost-effectiveness, and decreases unnecessary suffering for patients.



# Reimagining Cancer Care

with Targeted  
Radioligand Therapy



# PROGRAM

DAY 1	TIME			
OCTOBER 9, THURSDAY	8.00-9.00	REGISTRATION, COFFEE AND NETWORKING		
	9.00-10.00	OPENING PLENARY SESSION AND KEYNOTE SPEAKER - Day 1		
	10.00-10.30	COFFEE BREAK		
	10.30-12.00	Precision Medicine in Oncology and Cardiology	Engaging and empowering patient organisations (in Latvian)	Clinical trials in pediatrics
	12.00-13.00	LUNCH		
	13.00 -14.30	Personalised Cancer Screening	Precision Medicine coalition meeting (in Latvian)	Innovative cell and gene therapies for children
	14.30-15.00	COFFEE BREAK / EXPO PITCHES		
	15.00-15.25	Sponsor Symposium	Project in spotlight BioPhoT (in Latvian)	
	15.25-15.30	TECHNICAL BREAK		
	15.30-17.00	Functional precision medicine	The Role of Biobanks in Precision Medicine (in Latvian)	Big data-big problems
	17.00-17.30	NETWORKING: THE MATCH LAB BY STARTIN.LV		
DAY 2				
OCTOBER 10, FRIDAY	8.30-9.30	REGISTRATION, COFFEE AND NETWORKING		
	9.30-10.00	OPENING PLENARY SESSION - Day 2		
	10.00-10.30	COFFEE BREAK / EXPO PITCHES		
	10.30-12:00	Personalized Prevention	Riga iDays Hackathon Pitch Session	Gut microbiome as a precision medicine tool
	12:00-13.00	LUNCH		
	13.00 -14.30	From Samples to Solutions: The Role of Biobanks in Precision Medicine	Health and research data / AI tools	Empowering Radiopharmaceutical Innovation
	14.30-15.00	COFFEE BREAK		
	15.00 -16.30	Liquid biopsy	Young researchers	ELIXIR
	16.30-17.00	CLOSING PLENARY SESSION		

SCIENTIFIC/CLINICAL SESSIONS

STAKEHOLDER SESSIONS

PEDIATRICS – PMPC SESSION

# DAY 1, OCTOBER 9

DAY 1	TIME	
OCTOBER 9, THURSDAY	8.00-9.00	REGISTRATION, COFFEE AND NETWORKING
	9.00-10.00	<p>Chair: Valts Abols, CEO, Children's University hospital, Latvia</p> <ul style="list-style-type: none"> <li>• Opening remarks: Hosams Abu Meri, Minister for Health of the Republic of Latvia (invited)</li> <li>• Opening remarks: Talis Juhna, Rector of Riga Technical University</li> <li>• Opening remarks: John Tully, Chair of the Board, MikroTik President of AmCham Latvia, LCOF Founder, Latvia</li> </ul> <p><i>MoU announcement</i></p> <ul style="list-style-type: none"> <li>• Opening remarks: Agrita Kiopa, Vice-Rector for Research at Riga Stradins University, Latvia</li> </ul> <p><i>Patient story</i></p> <ul style="list-style-type: none"> <li>• Keynote speech: Gilles Vassal, Professor of Oncology, Gustave Roussy Comprehensive Cancer Center, France</li> </ul>
	10.00-10.30	COFFEE BREAK
	10.30-12.00 (ZIEDONA HALL)	<p>PRECISION MEDICINE IN ONCOLOGY AND CARDIOLOGY</p> <p>Chair: Inese Cakstina-Dzerve, Gustavs Latkovskis</p> <ul style="list-style-type: none"> <li>• Speaker: Kristina Ojamaa, Tartu University Hospital/East Tallinn Central Hospital, Estonia</li> </ul> <p>Speech: ESTOPRET study and PCM in Estonia</p> <ul style="list-style-type: none"> <li>• Speaker: Gustavs Latkovskis, Clinical and interventional cardiologist at Pauls Stradins Clinical University Hospital, Professor of Medicine at the University of Latvia</li> </ul> <p>Speech: Personalized Approach to Hypercholesterolemia</p> <ul style="list-style-type: none"> <li>• Speaker: Aigars Dzalbs, Geneticist, Riga East Clinical University Hospital, Latvia</li> </ul> <p>Speech: Implementation of new highly effective molecular pathology diagnostic methods and services for the development of precision medicine in oncology</p> <ul style="list-style-type: none"> <li>• Speaker: Laura Valtere, Postdoctoral Fellow Centre for Advanced Studies in Bioscience Innovation Law (CeBIL) within the Faculty of Law at the University of Copenhagen, Denmark</li> </ul> <p>Speech: Precision Medicine: Innovation Incentives and Access</p>
	10.30-12.00 (ROOM A)	<p>ENGAGING AND EMPOWERING PATIENT ORGANISATIONS (IN LATVIAN)</p> <p>Chair: Marta Augucevica</p> <ul style="list-style-type: none"> <li>• Panelist: Marita Gunn Sandnes, Patient expert, Norway</li> <li>• Panelist: Anita Kavlie, EATRIS, Norway</li> <li>• Panelist: Viktorija Kēniņa, Rīga Stradins University, Latvia</li> <li>• Panelist: Sanita Sinica, Latvian Alliance of Rare Disease, Latvia</li> </ul> <p>This session is organised within the framework of the EATRIS-CONNECT project</p>
	10.30-12.00 (ROOM B)	<p>CLINICAL TRIALS IN PEDIATRICS</p> <p>Chair: Anna Valaine, Gilles Vassal</p> <ul style="list-style-type: none"> <li>• Speaker: Gilles Vassal, Professor of Oncology, Gustave Roussy Comprehensive Cancer Center, France</li> </ul> <p>Speech: Inequalities in access to clinical trials and innovation for children and adolescents with cancer in Europe</p> <ul style="list-style-type: none"> <li>• Speaker: Franciso Batista, Group leader in pediatric oncology drug development, Princess Maxima Center, Utrecht, The Netherlands</li> </ul> <p>Speech: Drug development in pediatric oncology: Towards safer and more effective medicines for our children</p> <ul style="list-style-type: none"> <li>• Speaker: Karsten Nysom, Senior consultant, MD PhD, Head of Clinical Trials Unit for Children and Adolescents with Cancer, Denmark</li> </ul> <p>Speech: Clinical trials for newly diagnosed and relapsed childhood cancers in the Nordic and Baltic region – how to improve?</p>
	12.00-13.00	LUNCH

# DAY 1, OCTOBER 9

DAY 1	TIME	
OCTOBER 9, THURSDAY	13.00 -14.30 (ZIEDONA HALL)	<p><b>PERSONALISED CANCER SCREENING</b></p> <p>Chair: Mārcis Leja, Tony Hsiu-Hsi Chen</p> <ul style="list-style-type: none"> <li>• Speaker: Tony Hsiu-Hsi Chen, Distinguished Professor Institute of Health Data Analytics and Statistics, College of Public Health, National Taiwan University, Taipei, Taiwan</li> </ul> <p>Speech: Digital Transformation of Cancer Screening</p> <ul style="list-style-type: none"> <li>• Speaker: Paolo Giorgi Rossi, Epidemiology Unit, Local Health Authority and Research Hospital (AUSL – IRCCS) of Reggio Emilia, Italy</li> </ul> <p>Speech: Risk stratification in cancer screening</p> <ul style="list-style-type: none"> <li>• Speaker: Ausvydas Patasius, Senior Researcher at the National Cancer Institute, Associate Professor at the Vilnius University Institute of Health Sciences, Lithuania</li> </ul> <p>Speech: PRAISE-U: Update on prostate cancer screening</p> <ul style="list-style-type: none"> <li>• Speaker: Audrey Coiffic, Engagement Manager, IQVIA Genomic and Precision Medicine Paris, France</li> </ul> <p>Speech: Scaling Genomic Programs in Europe: Building Biomarker-Driven Screening Tests Through Biobank Integration</p>
	13.00 -14.30 (ROOM A)	<p><b>PRECISION MEDICINE COALITION MEETING (IN LATVIAN)</b></p> <p>Moderator: Sintija Broka – Kovalevska</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>• Laura Štrovalde, Direktora vietniece investīciju jautājumos, LIAA</li> <li>• Jānis Kloviņš, Zinātniskās padomes priekšsēdētājs, BMC</li> <li>• Agrita Kiopa, Zinātņu prorektore, RSU</li> <li>• Valts Ābols, Valdes priekšsēdētājs, BKUS</li> <li>• Lauris Vidzis, Valdes priekšsēdētājs, PSKUS</li> <li>• Vadims Beļuns, RAKUS Valdes loceklis</li> <li>• Aija Geriņa-Bērziņa, Valdes priekšsēdētāja, LOĶA</li> <li>• Sanita Siņica, Latvijas Reto slimību alianses valdes locekle</li> <li>• Olga Valciņa, Pacientu organizāciju apvienības “Onkoalianse” valdes locekle</li> <li>• Ēriks Mikelšteins, Valdes loceklis, Vīriešu veselībai</li> <li>• Kaspars Losāns, Precīzijas Medicīnas darba grupas vadītājs, AmCham</li> <li>• Roberts Melbārdis, PM koalīcijas koordinators</li> <li>• Vladislava Marāne, Direktore, SIFFA</li> <li>• Linda Gailīte, Vadītāja, Latvijas cilvēka ģenētikas asociācija</li> <li>• Ieva Mičule, Ģenētiķe, Latvijas medicīniskās ģenētikas asociācija</li> <li>• Juris Gaiķis, Valdes loceklis, Latvijas digitālās veselības centrs</li> <li>• Osvalds Pugovičs, Direktors, OSI</li> </ul>
	13.00 -14.30 (ROOM B)	<p><b>INNOVATIVE CELL AND GENE THERAPIES FOR CHILDREN</b></p> <p>Chair: Una Riekstina, Skirmante Cernauskiene</p> <ul style="list-style-type: none"> <li>• Speaker: Skirmante Cernauskiene, Hematologist, Vilnius University Hospital Santaros Klinikos, Lithuania</li> </ul> <p>Speech: Place-of-care CAR-T Therapy in Lithuania: From Bench to Bedside</p> <ul style="list-style-type: none"> <li>• Speaker: Marta Barisa, Senior Fellow, Experimental Paediatric and Young Adult Oncology, Institute of Child Health, University College London; Great Ormond St Hospital for Children London, UK</li> </ul> <p>Speech: CAR-T Design for Paediatric Solid Tumours</p> <ul style="list-style-type: none"> <li>• Speaker: Signe Setlere, Paediatric Neurologist, Children’s Clinical University Hospital, Latvia</li> </ul> <p>Speech: The First Gene Therapy in Latvia: A Milestone in Precision Medicine</p> <ul style="list-style-type: none"> <li>• Speaker: Rebecca Ahrens-Nicklas, Children’s Hospital of Philadelphia, USA</li> </ul> <p>Speech: Platform gene editing therapies for rare metabolic disorders</p>
	14:30-15:00	<b>COFFEE BREAK AND EXPO PITCHES</b>

# DAY 1, OCTOBER 9

DAY 1	TIME	
OCTOBER 10, THURSDAY	15:00-15:25 (ZIEDONA HALL)	<b>SPONSOR SYMPOSIUM</b> <ul style="list-style-type: none"> <li>• <b>Speaker: Elif Dagdan MVZ for Diagnostics and Therapy Bochum, Germany</b></li> </ul> Speech: The Advantages of Actionable Exome Panels in Cardiology, with a Focus on Clonal Hematopoiesis as an Incidental Finding
	15:00-15:25 (ROOM A)	<b>PROJECT IN SPOTLIGHT BIOPHOT (IN LATVIAN)</b> <p><b>Chair: Osvalds Pugavics</b> BioPhoT – jauns inovāciju attīstības formāts. Pirmās mācības un nākotnes plāni</p>
	15.25-15.30	<b>TECHNICAL BREAK</b>
	15.30-17.00 (ZIEDONA HALL)	<b>FUNCTIONAL PRECISION MEDICINE</b> <p><b>Chair: Inese Cakstina-Dzerve, Caroline Heckman</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Alice Soragni, Assistant Professor, Department of Orthopaedic Surgery Member, Molecular Biology Institute Member, Cancer and Stem Cell Biology, University of California, USA</b></li> </ul> Speech: Charting Therapeutic Vulnerabilities in Rare Tumors with Patient-Derived Organoid Models <ul style="list-style-type: none"> <li>• <b>Speaker: John Crawford, Co-Medical Director CHOC Neurosciences Institute, Division Chief Child Neurology CHOC PSF and UC Irvine; Professor of Clinical Pediatrics and Neurology UC Irvine, USA</b></li> </ul> Speech: Multi-omics and Functional Precision Medicine for Newly Diagnosed and Recurrent Pediatric Central Nervous System Tumors <ul style="list-style-type: none"> <li>• <b>Speaker: Tea Pemovska, Senior postdoctoral researcher, Department of Medicine I, Division of Hematology and Hemostaseology, Medical University of Vienna, Austria</b></li> </ul> Speech: Functional Precision Hematology: The Austrian Experience
	15.30-17.00 (ROOM A)	<b>PANEL DISCUSSION: THE ROLE OF BIOBANKS IN PRECISION MEDICINE (IN LATVIAN)</b> <p><b>Moderator: Kaspars Losāns</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <b>Aiga Balode, Latvijas Republikas Veselības ministrija</b></li> <li>• <b>Ingrīda Circene, Saeima</b></li> <li>• <b>Madara Tirzīte, Rīgas Austrumu klīniskā universitātes slimnīca</b></li> <li>• <b>Juris Beikmanis, Latvijas Reto slimību alianse</b></li> <li>• <b>Kaspars Grosu, IQVIA</b></li> <li>• <b>Vita Rovīte, Biomedicīnas pētījumu un studiju centrs (iniciatīva “1+ miljons genomu”)</b></li> </ul>
	15.30-17.00 (ROOM B)	<b>BIG DATA-BIG PROBLEMS</b> <p><b>Chair: Mirjam Blattner-Johnson, Monta Briviba</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Lu Wang, Medical Director, Molecular Pathology Associate Member, Department of Pathology St. Jude Children’s Research Hospital Memphis, USA</b></li> </ul> Speech: Genomic and Transcriptomic profiling: Clinical Implications, Research and Data Sharing <ul style="list-style-type: none"> <li>• <b>Speaker: Patrick Kemmeren, Research group leader, Princess Máxima Center for Pediatric Oncology, The Netherlands</b></li> </ul> Speech: Understanding the mutational landscape of pediatric cancer <ul style="list-style-type: none"> <li>• <b>Speaker: Robert Autry, Group Leader, Clinical Bioinformatics / Translational Genomics, Hopp Children’s Cancer Center (KITZ) &amp; German Cancer Research Center (DKFZ), Heidelberg, Germany</b></li> </ul> Speech: From Silos to Sharing: Federated Harmonization of Pediatric Precision Oncology Data (ITCC PedCanPortal)
	17.00-17.30	<b>17:00-18:30   NETWORKING: THE MATCH LAB BY STARTIN.LV</b>

# DAY 2, OCTOBER 10

DAY 2	TIME	
OCTOBER 10, FRIDAY	8.30-9:30	REGISTRATION, COFFEE AND NETWORKING
	9.30-10.00 (ZIEDONA HALL)	<p><b>OPENING PLENARY SESSION - Day 2</b></p> <p>Chair: Agrita Kiopa, Vice-Rector for Research at Riga Stradins University, Latvia</p> <ul style="list-style-type: none"> <li>• Opening remarks: Daiga Mierina, Speaker of the Saeima, Latvia</li> <li>• Opening remarks: Jurgis Miezinis, Parliamentary Secretary of the Ministry of Economics of the Republic of Latvia</li> <li>• Opening remarks: Lana Franceska Dreimane, Deputy State Secretary on Human capital, research and innovation development, Latvia</li> <li>• Opening remarks: Ieva Jagere, Director General, Investment and Development Agency of Latvia</li> <li>• Opening remarks: Lauma Muizniece, Director of the Latvian Council of Science, Latvia</li> </ul>
	10.00-10.30	COFFEE BREAK and EXPO PITCHES
	10.30-12.00 (ZIEDONA HALL)	<p><b>PERSONALIZED PREVENTION</b></p> <p>Chair: Janis Klovinš, Andres Metspalu</p> <ul style="list-style-type: none"> <li>• Speaker: Stefania Boccia, Director, University Department of Health Sciences and Public Health, Faculty of Medicine, Università Cattolica del Sacro Cuore, Italy</li> </ul> <p>Speech: The Strategic Research and Innovation Agenda in Personalized Prevention: a roadmap from the PROPHET project</p> <ul style="list-style-type: none"> <li>• Speaker: Andres Metspalu, Professor of Genomics and Biobanking, Professor of Biotechnology, Academician; University of Tartu, Institute of Genomics, Institute of Molecular and Cell Biology, Estonian Genome Centre, Estonia</li> </ul> <p>Speech: From Biobanking to personalised medicine and prevention</p> <ul style="list-style-type: none"> <li>• Speaker: Marcus Perola, Research Professor, Finnish Institute for Health and Welfare, Finland</li> </ul> <p>Speech: The FinnGen-project, update 2025 and future plans</p> <ul style="list-style-type: none"> <li>• Speaker: Janis Klovinš, Chairman of the Scientific Council, Latvian Biomedicine and Study Center, Latvia</li> </ul> <p>Speech: From Genome Data Systems to Personalized Risk: Integrating Monogenic and Polygenic Insights to Improve Diagnostics and Prevention</p>
	10.30-12.00 (ROOM A)	<p><b>EIT HEALTH RIGA IDAYS HACKATHON PITCH SESSION</b></p> <p>The jury:</p> <ul style="list-style-type: none"> <li>• Thomas Höfer, Country Manager Roche Diagnostics Baltics</li> <li>• Natālija Siliņa, Latvian Investment Development Agency, Head of the Innovation Services Department</li> <li>• Dins Šmits, Riga Stradiņš university, Vice-Rector for Academic Affairs, Head of the Innovation Services Department</li> <li>• Kaspars Grosu, IQVIA, Payers Provider's &amp; Government manager Baltics, Ukraine, Adriatic region</li> <li>• Sanita Siņica, Latvian Alliance of Rare Diseases, Member of board</li> </ul>
	10.30-12.00 (ROOM B)	<p><b>GUT MICROBIOME AS A PRECISION MEDICINE TOOL</b></p> <p>Chair: Ilze Elbere, John Penders</p> <ul style="list-style-type: none"> <li>• Speaker: Mathieu Almeida, Academic researcher, Université Paris-Saclay, France</li> </ul> <p>Speech: From microbiota to biomarkers: quantitative metagenomics in the service of colorectal cancer</p> <ul style="list-style-type: none"> <li>• Speaker: Marcus Claesson, Associate Professor in Bioinformatics, School of Microbiology &amp; APC Microbiome Ireland, University College Cork, Ireland</li> </ul> <p>Speech: Predicting inflammatory bowel disease with machine learning across space &amp; time</p> <ul style="list-style-type: none"> <li>• Speaker: John Penders, Chair of Intestinal Microbiology and Metagenomic Epidemiology, Department of Medical Microbiology, Infectious Diseases and Infection Prevention, Maastricht University Medical Centre, Maastricht, the Netherlands</li> </ul> <p>Speech: The gut microbiome as missing link in personalizing colorectal cancer treatment?</p> <ul style="list-style-type: none"> <li>• Speaker: Monta Briviba, Head of the core facility Genome Center, Latvian Biomedical Research and Study Centre, Latvia</li> </ul> <p>Speech: From Resource to Discoveries: Gut and Oral Microbiome in Pediatric Cancer</p> <ul style="list-style-type: none"> <li>• Speaker: Valerija Movcana, Researcher, Cellbox Labs, Latvia</li> </ul> <p>Speech: Industrial Gut-on-Chip platform for anaerobic microbiota host communication studies</p>
	12.00-13.00	LUNCH

# DAY 2, OCTOBER 10

DAY 2	TIME	
OCTOBER 10, FRIDAY	13.00 -14.30 (ZIEDONA HALL)	<p><b>FROM SAMPLES TO SOLUTIONS: THE ROLE OF BIOBANKS IN PRECISION MEDICINE</b></p> <p><b>Chair: Vita Rovite, Markus Perola</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Jens K. Habermann, Director General, BBMRI-ERIC, Germany</b></li> </ul> <p>Speech: BBMRI-ERIC's 10-year Roadmap addressing the EU priorities and driving progress in Personalised Medicine</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Sergio Dias, Principal Investigator at the Gulbenkian Institute for Molecular Medicine Foundation, Invited Associate Professor at the Faculty of Medicine of the University of Lisbon, Portugal</b></li> </ul> <p>Speech: Biobanks and Personalized Medicine</p> <ul style="list-style-type: none"> <li>• <b>Speakers: Daiva Dabkeviciene, Chief Researcher leading the Biobank at the National Cancer Institute, Lithuania; Giedre Kvedaraviciene, Director of Lithuanian population and rare disorders biobank, Vilnius University Faculty of Medicine, Lithuania</b></li> </ul> <p>Speech: Enabling Personalised Medicine: Strategic Synergies and Potential Contributions of Lithuanian Biobanks</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Vita Rovite, Leading researcher, Latvian Biomedical Research and Study Centre, Latvia</b></li> </ul> <p>Speech: Personalized Medicine initiatives in Latvian Biobank Network</p>
	13.00 -14.30 (ROOM A)	<p><b>AI/ML-DRIVEN HEALTH AND OMICS DATA ANALYTICS ACROSS CLOUD AND HPC INFRASTRUCTURES</b></p> <p><b>Chair: Baiba Vilne</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Nikolay Oskolkov Group Leader at LIOS, Riga, Latvia</b></li> </ul> <p>Speech: AI-Driven Multi-Omics Integration for Precision Medicine: Methodology and Applications</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Michael Mueller Greater London, England, United Kingdom</b></li> </ul> <p>Speech: AWS HealthOmics: Accelerating Scientific Breakthroughs with Fully Managed Biological Data Stores and Workflows</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Amit Batra &amp; Ema Popova Chief AI &amp; Health Transformation Officers, EMEA, Microsoft, United Arab Emirates, Bulgaria</b></li> </ul> <p>Speech: Intelligent Health: Leveraging AI and Genomic Insights for Precision Care</p> <p><b>Panel Discussion</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• <b>Nikolay Oskolkov, LIOS</b></li> <li>• <b>Lina Marta Sarma, Acting Director, RTU HPC Centre</b></li> <li>• <b>Renate Strazdiņa, National Technology Officer, North Europe Multi-Country Cluster, Microsoft</b></li> </ul>
	13.00 -14.30 (ROOM B)	<p><b>EMPOWERING RADIOPHARMACEUTICAL INNOVATION</b></p> <p>Session description in English: Radioligand therapies are reshaping precision oncology and could significantly improve outcomes across an expanding range of cancers. As science progresses, our preparedness to implement it must keep pace. This session convenes clinical experts, patient representatives, and policy leaders to align on the coordinated steps required to prepare the infrastructure for this upcoming treatment paradigm. From embedding RLTs into care pathways and national cancer strategies to tackling regulatory, infrastructure, and workforce needs, advancing this field will take shared commitment and collaboration across sectors. By working together, we can break down obstacles and speed equitable access to this innovative treatment approach.</p> <p><b>Chair: Prof.Maija Radziņa, Tenured professor at Riga Stradins Univeristy, Lead researcher at RSU and Head of the Radiology Research Laboratory, Vice-President of Latvian Radiology Association, Latvia</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Edgars Mamis, PhD, Researcher at CERN and University of Latvia</b></li> </ul> <p>Speech: The future promise of theranostics in nuclear medicine (in English)</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Prof.Donatas Vajauskas, MD, PhD, Head of the Nuclear Medicine Research Centre at Kaunas Clinics, Lithuanian University of Health Sciences (LSMU) and Radiology Clinic Professor at Lithuanian University of Health Sciences, Lithuania</b></li> </ul> <p>Speech: Nuclear Medicine infrastructure – Lessons learned from Lithuania (in English)</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Dr.Atrūrs Šorubalko, Head of Therapeutic radiology and medicines physics clinic at Riga East Univerity hospital</b></li> </ul> <p>Speech: Nuclear medicines Status Quo in Latvia (In Latvian)</p> <p><b>Panel discussion moderated by Prof.Maija Radziņa (in Latvian):</b></p> <ul style="list-style-type: none"> <li>• <b>Prof.Haralds Plaudis, MD, PhD – Chairman of the board (a.i.) and Board member of Riga East Clinical University hospital, Professor at Riga Stradins University, Board Member of Riga Stradins Univeristy Alumni Association</b></li> <li>• <b>Assist.Prof.Elīna Sīviņa, MD, PhD – Associated professor at University of Latvia, Head of Solid Tumor Systemic Treatment Clinic at Riga East Clinical University Hospital</b></li> <li>• <b>Assist.Prof.Egils Vjaters, MD, PhD – Head of Urology Center at Pauls Stradins Clinical university hospital, Leading Researcher, Institute of Oncology and Molecular Genetics, Laboratory of Tumour Clinical and Genetic Research</b></li> <li>• <b>Edgars Āboliņš – Board member of patient organization Onkoaliansē, Men's Health Movement – "Movember Latvia" foundation</b></li> <li>• <b>Anna Timofējeva – Senior Expert, Ministry of Health of the Republic of Latvia</b></li> </ul>

# DAY 2, OCTOBER 10

	14.30-15.00	<b>COFFEE BREAK</b>
	15.00-16.30 (ZIEDONA HALL)	<p><b>LIQUID BIOPSY</b></p> <p><b>Chair: Aija Line and Marie Bernhopf</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Martin Zoche, Director Molecular Tumor Profiling, Department of Pathology and Molecular Pathology, University Hospital Zurich, Switzerland</b></li> </ul> <p>Speech: Liquid Biopsy in Clinical Practice</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Kendra Korinna, Maaß Junior Group Leader 'Cancer Prevention and Liquid Biopsies', Hopp Children's Cancer Center and University Clinic, Heidelberg, Germany</b></li> </ul> <p>Speech: Liquid Biopsies @KITZ: Early Diagnosis, Therapy Monitoring and Surveillance</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Marie Bernhopf, Head of Laboratory for Pediatric Solid Cancers and Staff Scientist St. Anna Children's Cancer Research Institute, Austria</b></li> </ul> <p>Speech: Update on MONALISA – a SIOPEN pragmatic clinical trial to monitor neuroblastoma relapse with liquid biopsy sensitive analysis</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Agnese Brokāne, Research Assistant, Cancer Biomarkers Group, Latvian Biomedical Research and Study Centre, Latvia</b></li> </ul> <p>Speech: Extracellular vesicles in liquid biopsies: biomarkers and functional readouts for cancer detection</p>
	15.00-16.30 (ROOM A)	<p><b>YOUNG RESEARCHERS</b></p> <p><b>Chair: Una Riekstina and Zanda Daneberga</b></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Elza Elizabete Liepina, Researcher, Riga Stradins University, Latvia</b></li> </ul> <p>Speech: Correlation Between Baseline Gut Microbiome Composition and Neoadjuvant Chemotherapy Outcomes in Early Breast Cancer</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Mara Delesa-Velina, Researcher, University of Tartu, Estonia</b></li> </ul> <p>Speech: Estimating biological age based on metabolomic data and common risk factors in Estonian Biobank</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Laura Ansons, Researcher, Latvian Biomedical Research and Study Centre, Latvia</b></li> </ul> <p>Speech: Multi-omics study in Latvian COVID-19 patients identifies mitochondrial damage and immunothrombosis as contributors to post-acute complication risk</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Raimonda Kubiliute-Mikalauskiene, Researcher, Vilnius University, Life Sciences Center and Lithuanian National Cancer Institute, Lithuania</b></li> </ul> <p>Speech: How to detect renal cancer from the urine samples?</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Janis Stavusis, Researcher, University of Latvia</b></li> </ul> <p>Speech: Using patient-derived iPSC lines for calpainopathy research and therapy development</p>
	15.00-16.30 (ROOM B)	<p><b>ELIXIR</b></p> <p><b>Chair: Baiba Vilne</b></p> <p><i>MoU announcement</i></p> <ul style="list-style-type: none"> <li>• <b>Speaker: Andrew Smith ELIXIR Head of External Relations, UK</b></li> </ul> <p>Speech: ELIXIR Europe: Opportunities for the Latvian life science community</p> <ul style="list-style-type: none"> <li>• <b>Speaker: Munazah Andrabi Deputy Lead of the UK RDM Club, ELIXIR-UK</b></li> </ul> <p>Speech: FAIR by Design: Best Practices in Research Data Management (RDM) and the ELIXIR RDM Ecosystem</p> <ul style="list-style-type: none"> <li>• <b>Speaker: RSU Data Curator Unit</b></li> </ul> <p>Speech: Accelerating Open Science in Latvia: A Case Study from Rīga Stradiņš University's Participation in a National Data Steward Network</p> <p>RSU Participation in the Horizon Europe Programme" (project No 1.1.1.5/3/25//014)</p>
	16.30-17.00 (ZIEDONA HALL)	<p style="text-align: center;"><b>CLOSING PLENARY SESSION</b></p> <ul style="list-style-type: none"> <li>• <b>Closing remarks: Valts Abols, CEO, Children's University hospital, Latvia</b></li> <li>• <b>Closing remarks: Roberts Melbardis, PMNET Forum Executive director, Latvia</b></li> </ul>

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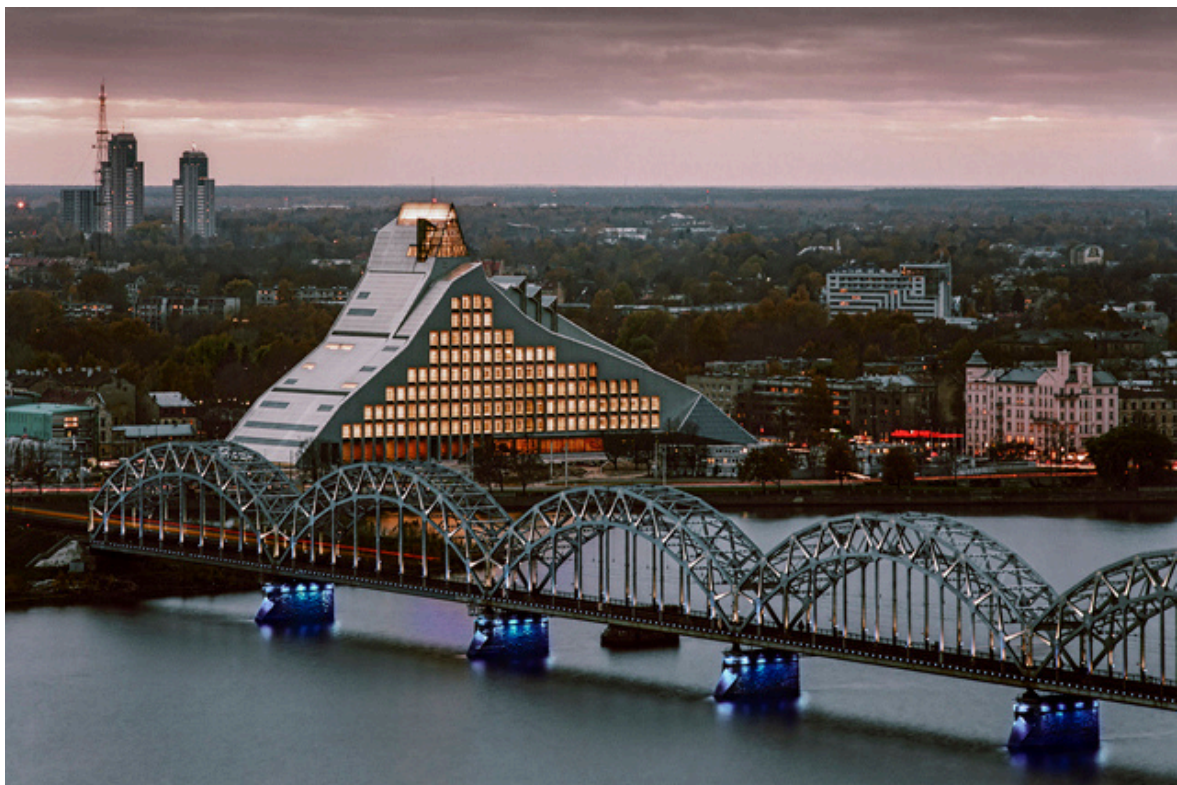


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## VENUE

The National Library of Latvia current main building is known as the Castle of Light. It was designed in 1989 by noted Latvian-American architect Gunnar Birkerts, who emigrated to the United States and made his career there. It was constructed in the early 21st century and opened in 2014. Today the Library plays an important role in the development of Latvia's society, providing information to residents and supporting research and lifelong education.



## SCIENTIFIC COMMITTEE

**Una Riekstina** Director of the pharmacy studies program at the Faculty of Medicine  
University of Latvia

**Janis Klovins** Chairman of the Scientific Council, Latvian Biomedical Research and Study  
Centre,

**Elina Sivina** Medical Oncologist, P. Stradins Clinical University Hospital, Clinic of Oncology  
Associated professor, University of Latvia, Department of Oncology

**Zanda Daneberga** Professor of Medical Genetics and Head of the Laboratory of Molecular  
Genetics, Institute of Oncology, Riga Stradins University

**Marcis Leja** Professor of Medicine, Director of the Institute of Clinical and Preventive Medicine,  
University of Latvia, Head of the Dept. of Research, Riga East University Hospital,

**Inese Cakstina-Dzerve** Assistant Professor, Department of Biology and Microbiology and Lead  
Researcher, Institute of Oncology Riga Stradins University

**Liene Nikitina - Zake** Director of Research Department, Riga Stradins University

**Linda Gailite** Head of Molecular Genetics Scientific Lab, Riga Stradins University

**Baiba Vilne** Head of Bioinformatics Lab, Riga Stradins University

**Baiba Lace** Head of the Center for Genetics and Rare Diseases, Riga Eastern Clinical University  
Hospital

## STEERING COMMITTEE

**John Tully** Chair of the Board, MikroTik President of AmCham Latvia, LCOF Founder

**Agrita Kiopa** Vice-Rector of Science, Riga Stradins University

**Valts Abols** Chair of the Board, Children's Clinical University Hospital (CCUH)

**Liene Dambina** Chair of the Board, Children's Hospital Foundation

**Aiga Balode** Deputy State Secretary, Ministry of Health of the Republic of Latvia

**Rolands Lappuke** Smart Technologies Advisor to the Former President of Latvia Egils Levits

**Janis Klovins** Chairman of the Scientific Council, Latvian Biomedicine and Study Center

**Raimonds Lapins** Director General, Central Statistical Bureau of Republic of Latvia

## ORGANIZING TEAM

**Roberts Melbardis** Chair of Organizing team, PMNET Forum Executive Director, LCOF Executive Director

**Ieva Liepina** Administrative and Communications Specialist, PMNET

**Inga Narkevica** Charitable project coordinator, Mikrotik

**Baiba Ziemele** Chairwoman of the board, Latvian Network of Patient Organizations (LPOT)

**Sanita Sinica** Member of the Board, Latvian Alliance of Rare Diseases

**Linda Anna Daldere** Communications Project Manager, Children's Hospital Foundation

## VOLUNTEERS

**Laura Dabare**

## **EMPOWERED BY THE INVESTMENT AND DEVELOPMENT AGENCY OF LATVIA**

The PMNET Forum is both - a platform for discussing the development perspectives in the treatment of oncological and rare diseases, as well as the implementation of the biomedicine ecosystem.

That includes the economic perspective and the role of interdisciplinary cooperation, the main goal of which is to share the latest in the development of precision medicine in the world with an emphasis on the latest opportunities, and technologies in the treatment possibilities - promote economic growth, develop innovative business models and use the research and technology advances to improve the well-being of the society and improve the quality of life.

To support these goals, the Forum will feature a Precision Medicine Coalition meeting - expert discussion, backed by the Investment and Development Agency of Latvia (LIAA). A dedicated Expo area will bring together various startups and organizations to network, showcase their work, and connect with others. Expo pitches will also be featured this year.

**The event is empowered by the Investment and Development Agency of Latvia (Latvijas Investīciju un attīstības aģentūra - LIAA) and funded by the European Union – Recovery and Resilience Facility.**



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