

PMNET

PRECISION MEDICINE NETWORK



OCTOBER 8-9, 2026
RIGA, LATVIA
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ORGANIZERS



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PMNET Forum is an **international platform** **dedicated to advancing precision medicine** and supporting its implementation in healthcare.

Forum's mission is to improve patient care by accelerating the development and adoption of precision medicine through knowledge exchange, interdisciplinary collaboration and partnerships across science, healthcare, industry and the public sector.

The Forum aims to help bridge the gap between scientific discovery and clinical practice, supporting the translation of research and innovation into solutions that can improve patient care.



300+ participants from 20+ countries

www.pmnetforum.com

OCTOBER 8-9, 2026
RIGA, LATVIA

In 2026, PMNET Forum returns to Riga for its fifth edition, bringing together the international precision medicine community for two days of scientific exchange, discussion and networking.

The programme features 21 scientific sessions across three parallel tracks, keynote presentations and several side events, covering developments across research, clinical practice, health innovation and the implementation of precision medicine



KEY TOPICS

Functional Precision Medicine · Biobanking · Rapid Molecular Diagnostics · Cancer Genetics & Precision Oncology · Rare Diseases · Cancer Screening & Prevention · CAR-T Therapies · Cardiogenetics · Health Data · Translational Medicine · Health Innovation & Funding · Microbiome · Big Health & Omics Data, HPC & AI

WHO ATTENDS?

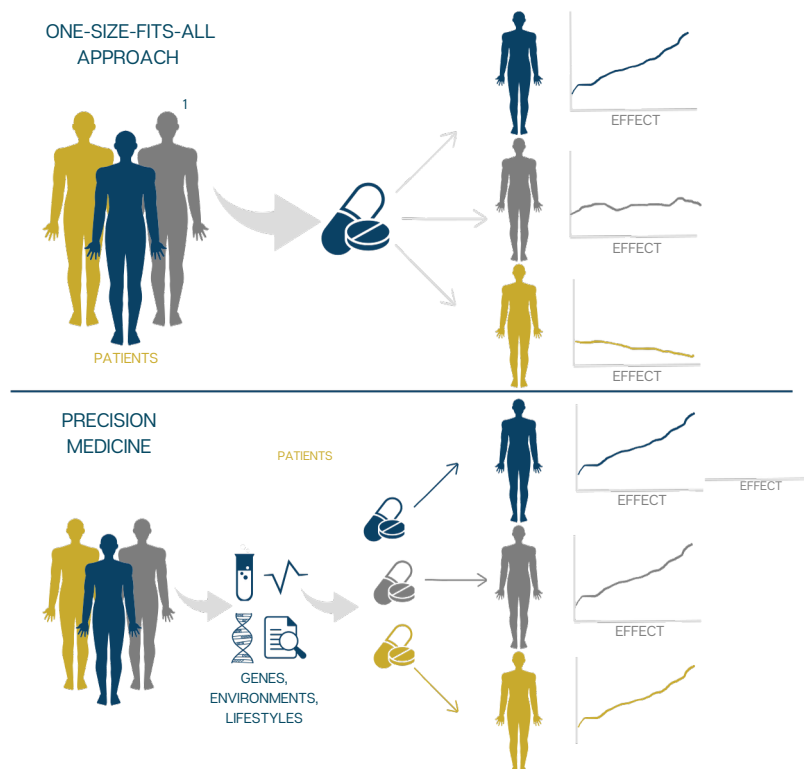
Researchers & scientists · Healthcare professionals · Industry & startups · Policymakers · Patient organisations · Innovation & technology experts

21 insightful sessions + multiple side events. Explore the program & register: PMNET Forum 2026

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**.

¹ US FDA



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.

DAY 1	TIME	OCTOBER 8, THURSDAY	1
8:00-9:00		REGISTRATION, COFFEE AND NETWORKING	
9:00-10:00 (ZIEDONA HALL)		PLENARY SESSION OPENING PLENARY SESSION AND KEYNOTE SPEAKERS - DAY 1 Chair / Moderator: Valts Abols Opening remarks: Hosams Abu Meri — Minister of Health of the Republic of Latvia Keynote: Kjetil Tasken — Head of the Institute for Cancer Research, Oslo University Hospital, Norway Talk: From Precision Medicine Research to Patient Care: Turning Innovation into Clinical Impact Keynote: Mailo Grünh — Germany Talk: Patient's story	
10:00-10:30		COFFEE BREAK	
10:30-12:00 (ZIEDONA HALL)		SCIENTIFIC SESSION FUNCTIONAL PRECISION MEDICINE Chair / Moderator: Inese Cakstina-Dzerve, Caroline Heckamn Speaker: Sigrid Skånland Talk: In vitro strategies to predict treatment outcomes in chronic lymphocytic leukemia Speaker: Brinton Seashore-Ludlow Talk: Beyond Viability: Advanced Disease Models for Functional Discovery in Ovarian Cancer and Beyond Speaker: Eglė Žalytė Talk: From Tumor to Treatment: Functional Drug Screening in Patient-Derived Endometrial Cancer Models	
10:30-12:00 (ROOM A)		STAKEHOLDER SESSION BIOBANKING Chair / Moderator: Vita Rovite Speaker: Andrea Wutte Speaker: Aiga Balode Talk: Biobanks as essential part of health data ecosystem Speaker: Vita Rovite	
10:30-12:00 (ROOM B)		PEDIATRICS - PMPC SESSION RAPID MOLECULAR DIAGNOSTICS Chair / Moderator: Lennart Kester, Egija Berga-Švitiņa Speaker: Lennart Kester Talk: Rapid molecular diagnostics: From classification to genomic profiling Speaker: Skarphedinn Halldorsson Talk: The long and the short: Whole-genome sequencing for rapid diagnostics of CNS tumors Speaker: Areeba Patel Talk: AI enables prediction of CNS tumour methylation subtypes from H&E slides Speaker: Isabelle Thiffault Talk: Clinical Long-Read Sequencing: Single Test Simplifying Rare Disease Diagnosis	
12:00-13:00		LUNCH	
13:00-14:30 (ZIEDONA HALL)		SCIENTIFIC SESSION CANCER GENETICS AND PRECISION MEDICINE Chair / Moderator: Elina Siviņa, Martin Zoche Speaker: Jurate Gruode Talk: Comprehensive Tumor Genomic Profiling in Routine Clinical Practice Speaker: Jurgita Skiecevičienė Talk: Molecular twins – organoids as tools for personalized healthcare Speaker: Andris Veiss Talk: Developing and testing an AI-based tool for acute ischemic stroke detection in non-enhanced CT (NECT) Speaker: Hans V. Westerhoff Talk: (H)AI, Systems Biology, and Precision Medicine	
13:00-14:30 (ROOM A)		STAKEHOLDER SESSION PRECISION MEDICINE COALITION MEETING (IN LATVIAN) Chair / Moderator: Samanta Brūvere Panelists: Sanita Janka • Vadims Beļuns • Agrita Kiopa • Valts Ābols • Roberts Melbārdis • Dagne Grāvele • Dace Kārkle • Juris Gaiķis • Linda Gailīte • Vladislava Meirāne • Maija Kāle • Alise Krūmiņa	
13:00-14:30 (ROOM B)		PEDIATRICS - PMPC SESSION RARE DISEASES Chair / Moderator: Madara Auzenbaha, Lina Jankauskaite Speaker: Kristine Rasnača Talk: Genome-wide DNA methylation analysis reveals focal epigenetic dysregulation in small-for-gestational-age placentas and its potential links to rare syndromes Speaker: Liuda Brogiene Talk: Chronic Pain in Rare Diseases: The Role of Precision Medicine Speaker: Vladimirs Krutovs Talk: Improving the Patient Journey in Myasthenia Gravis: From Diagnosis to Long-Term Care Speaker: Lina Jankauskaite Talk: Counting the stripes: turning rare disease data into personalized care	
14:40-15:00		COFFEE BREAK	

15:00-16:30 (ZIEDONA HALL)	SCIENTIFIC SESSION CANCER SCREENING AND PREVENTION Chair / Moderator: Mārcis Leja, Tony Hsiu-Hsi Chen Speaker: Paolo Giorgi Rossi Talk: Personalized screening in EuCanScreen Speaker: Tony Hsiu-Hsi Chen Talk: Metaverse-Enabled AI Precision Cancer Screening Speaker: Maiju Pankakoski Talk: The role of data harmonization within EuCanScreen Speaker: Yi-Chia Lee Talk: Evaluating the Cost-Effectiveness of FIT and H. pylori stool antigen Co-Testing Using an Analytic Decision Model
15:00-15:30 (ROOM A)	STAKEHOLDER SESSION MOU
15:30-16:30 (ROOM A)	STAKEHOLDER SESSION THE IMPACT OF DIGITALISATION ON THE ROLE AND RIGHTS OF PATIENTS IN RESEARCH (IN LATVIAN) Chair / Moderator: Marta Augucēviča Panelists: Karina Palkova • Madara Auzenbaha • Juris Beikmanis • Signe Mežinska • Kārlis Rācenis
15:00-16:30 (ROOM B)	PEDIATRICS - PMPC SESSION CAR-T THERAPIES Chair / Moderator: Mirjam Blattner-Johnson, Una Riekstiņa Speaker: Domas Vaitiekus Talk: CAR-T therapy. Not only in malignant hematology Speaker: Ain Kaare Talk: CAR-T. Estonian way Speaker: Michiel Haasjes Talk: Update on the Cell and Gene Therapy Unit: Two Years Later Speaker: Tanel Mahlakõiv Talk: From Clinical CD19 CAR-T to CLDN6: Creating a Translational Pathway for Next-Generation Cell Therapies Speaker: Mailo Grün — Patient's story

8:30-9:00	REGISTRATION, COFFEE AND NETWORKING
9:00-10:00 (ZIEDONA HALL)	PLENARY SESSION OPENING PLENARY SESSION AND KEYNOTE SPEAKERS - DAY 2 Chair / Moderator: Agrita Klopa Opening remarks: Ivars Ijabs • Viktors Valainis (invited) • Ilze Indriksone • Egita Aizsalniece-Ibema Keynote: Richard Rosenquist Brandell Talk: Genomic Medicine Sweden: Advancing precision medicine at the national level Keynote: Helge Lubenow — CEO, Heidelberg Epignostix, Germany
10:00-10:30	COFFEE BREAK
10:30-12:00 (ZIEDONA HALL)	SCIENTIFIC SESSION CARDIOGENETICS Chair / Moderator: Linda Gailīte, Irina Griķe Speaker: Mary N. Sheppard Talk: Inherited cardiac conditions diagnosed at autopsy and genetic testing Speaker: Ewa Sieliwonczyk Talk: Personalised penetrance and outcome prediction in inherited cardiomyopathy with AI-ECG Speaker: Irina Griķe Talk: The Genetic Landscape of Atrial Fibrillation: Toward Precision Cardiology Speaker: Axel Verstraël Talk: Sudden death meets cardiogenetics: the plot twist. A patient journey through discovery, uncertainty and human connection
10:30-12:00 (ROOM A)	STAKEHOLDER SESSION INNOVATIONS PANEL Chair / Moderator: Andris K. Bērziņš Panelists: Helge Lubenow • Giedrius Gasiunas • Gatis Mozolevskis
10:30-12:00 (ROOM C)	STAKEHOLDER SESSION HEALTH DATA FOR RESEARCH AND INNOVATION (IN LATVIAN) Chair / Moderator: Kaspars Grosu Panelists: Aiga Balode • Vita Rovīte • Dzintars Mozgis • Eduards Ritums • Juris Bārzdīnš • Lauris Vidzis
10:30-12:00 (ROOM B)	SCIENTIFIC SESSION ONE HEALTH APPROACH Chair / Moderator: Jānis Kloviņš, Robin Guevarra Speaker: Mairo Remm Talk: Pathogen identification and AMR profiling from cell-free DNA in sepsis patients Speaker: Valerie Diane Valeriano Talk: Host-Microbe Interactions through a One Health Lens: Integrating Microbial Genomics and Microbiome Function Speaker: Robin Guevarra Talk: Antimicrobial Resistance in the Metagenomic Era: Emerging Trends for One Health Surveillance Speaker: Jurgita Skiecevičiienė Talk: Analysing Host-Microbiome Interactions: From the Gut Microbiome Insights to Functional Studies
12:00-13:00	LUNCH
13:00-14:30 (ZIEDONA HALL)	SCIENTIFIC SESSION TRANSLATIONAL MEDICINE Chair / Moderator: Una Riekstiņa, Giedrius Gasiunas Speaker: Jelizaveta Sokolovska Talk: From Molecular Signals to Clinical Decisions in Diabetes and Its Complications: Perspectives from Genetic, Gut, and Glycemic Biomarker Research Speaker: Anna Veiga Talk: HaploIPS: a consortium for the Generation of Human Induced Pluripotent Stem Cells from Haplo-selected Cord Blood Samples Speaker: Johann Gout Talk: Pancreatic Cancer Organoids: From Functional Drug Response to Precision Medicine Speaker: Giedrius Gasiunas Talk: A Potent Cas12l Genome Editor for Therapeutic Applications
13:00-14:30 (ROOM A)	STAKEHOLDER SESSION FUNDING OPPORTUNITIES FOR HEALTH INNOVATION DEVELOPMENT (IN LATVIAN) Chair / Moderator: Agnese Oļševska Speakers: Inese Gribanova • Laura Kunga-Jēgere • Egita Aizsilniece-Ibema • Ritvars Vestmanis
14:30-15:00	COFFEE BREAK
15:00-16:30 (ZIEDONA HALL)	SCIENTIFIC SESSION MICROBIOME Chair / Moderator: Ilze Elbere Speaker: Mathieu Almeida Talk: Gut microbiome alterations as early signatures of disease risk: insights from Parkinson's disease and cancer Speaker: Oliver Aasmets Talk: The Estonian Microbiome Cohort: Discoveries and Future Directions Speaker: Monta Briviba Talk: Gut and Oral Microbiome Dynamics in Pediatric Cancer

15:00-16:30 (ROOM B)	SCIENTIFIC SESSION YOUNG RESEARCHERS Chair / Moderator: Zanda Daneberga, Una Riekstiņa Speaker: Mikk Tooming Talk: Genetic Profiling of Breast and Ovarian Cancer Families in Estonia: Insights from Patients and Healthy Relatives Speaker: Fēlikss Rūmnieks Talk: Senescence, stemness, and survival: melanoma resistance and a model to study it Speaker: Eglē Žymantaitė Talk: Multi-method immune phenotyping defines inflamed, excluded and desert melanoma microenvironments relevant to treatment selection Speaker: Marija Lazovska Talk: SPERMFREE: Seminal Plasma Cell-Free DNA Fragmentomics for Assessing Spermatogenic Function Speaker: Samanta Pļaviņa Talk: A Multi-Omics and Clinical Data Integration Approach to Patient Stratification in Multiple Sclerosis
15:00-16:30 (ROOM A)	STAKEHOLDER SESSION HOW TO CHOOSE THE RIGHT SUPPORT INSTRUMENTS AND SECURE FUNDING FOR HEALTH INNOVATIONS? (IN LATVIAN) Chair / Moderator: Agnese Oļševska Panelists: Egīta Aizsilniece-Ibema • Osvalds Pugovičs • Jekaterina Romanova • Roberts Rimša
15:00-16:30 (ROOM B)	STAKEHOLDER SESSION BIG HEALTH & OMICS DATA AT SCALE: ELIXIR, HPC AND AI FACTORIES Chair / Moderator: Baiba Vilne Speaker: Juha Törnroos Talk: From ELIXIR Compute to AI Factories: Federated Cloud and HPC Services for Life Science Research Speaker: Aadi Tegova & Arnold Leonhard Mertsin Talk: Estonia's HPC and Trusted Research Environment Ecosystem: From SAPU to AI-Ready Research Infrastructure Speaker: Vita Zeidenberga Talk: From University HPC to AI Factory Antennas: Building Latvia's Research Computing Capacity
16:30-17:00 (ZIEDONA HALL)	PLENARY SESSION CLOSING PLENARY SESSION Closing remarks: Valts Abols • Roberts Melbardis



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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, PMNET Forum 2026 will bring together key stakeholders through the Precision Medicine Coalition meeting and dedicated sessions focusing on health innovation, funding and commercialization. These include the Innovations Panel, Funding Opportunities for Health Innovation Development, and a discussion on how to choose the right support instruments and secure funding for health innovations. With the involvement of the Investment and Development Agency of Latvia (LIAA), the programme will also highlight Latvia's RIS3 priority area of Biomedicine, Medical Technologies and Pharmaceuticals.

A dedicated Expo Zone will provide a platform for companies, research organizations and innovators to showcase their work, build new connections and explore opportunities for collaboration.

The event is empowered by the Investment and Development Agency of Latvia (Latvijas Investīciju un attīstības aģentūra - LIAA).



Investment and
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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.

