

VIRTUAL EVENT



# FINAL PROGRAM

# International Precision Medicine Conference

April 19-20, 2021 | 09:00-16:00 EST

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EST Timings      Local Timings

09:00-09:10

Opening Ceremony

## Keynote Presentations

09:10-10:00

16:10-17:00

Title: Personalized and Precision Medicine as a unique healthcare model through the view of Biodesign and Translational Armamentarium of the newest generation

Sergey Suchkov, Sechenov University, Russia

10:00-10:50

15:00-15:50

Title: Evaluation of clinical effectiveness of using enzyme-linked immunosorbent assay (ELISA) tests for measuring drug levels and/or their anti-drug antibodies for the purpose of monitoring treatment response and guiding decisions about the use of tumour necrosis factor-alpha (TNF- $\alpha$ ) inhibitors in patients with rheumatoid arthritis (RA): Findings from UK National Institute for Health and Care Excellence (NICE) Health Technology Assessment and methodological challenges

Huiqin Yang, ICON Clinical Research Ltd, United Kingdom

10:50-11:40

17:50-18:40

Title: Implementing a comprehensive Precision Medicine Paradigm into primary care clinics

Gad Rennert, Technion-Israel Institute of Technology, Israel

## Oral Presentations

11:40-12:00

23:40-00:00

Title: Reagent for monitoring Cancer Therapy Resistance in real-time (Tumor Signal-Liquid Biopsy)

Ming-Chung Jiang, Targetrust Biotech Ltd, Taiwan

12:00-12:20

12:00-12:20

Title: Update on patent eligibility in the United States: Precision Medicine in the cross-hairs

Jeffrey K. Mills, Medler Ferro Woodhouse & Mills, USA

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12:20-12:40	12:20-12:40	Title: Aging while black: Understanding the role of faith & culture to address health disparities among African Americans across the life span  <i>Pamela D.Price, The Balm In Gilead, USA</i>
12:40-13:00	11:40-12:00	Title: The process of oncology nurse practitioner patient navigation: A grounded theory approach towards a navigation theory  <i>Frances Mary Johnson, Matrix Medicao Group, USA</i>
13:00-13:20	13:00-13:20	Title: S-AdenosylMethionine as a Precision Adjunct Therapy to Chemotherapeutic Alkylating Agents in attenuating side effects and improving outcomes in various cancers  <i>Bruce K. Kowiatek, Blue Ridge Community and Technical College, USA</i>
13:20-13:40	13:20-13:40	Title: Empowering precision medicine via Block chain and AI  <i>Ingrid Vasiliu Feltes, MEDNAX, USA</i>
13:40-14:00	13:40-14:00	Title: Pathogenicity of cancer alterations when the genotype and expected phenotype do not match: An integrated evaluation of Germline and Somatic genomic results  <i>Arezou A. Ghazani, Harvard Medical School, USA</i>
14:00-14:20	11:00-11:20	Title: Precision Medicine in Chronic Disease – Using genetics and personalized medical nutrition to activate underperforming mechanisms in disease  <i>Laura Kelly, Opal Health, USA</i>
14:20-14:40	20:20-20:40	Title: Role of Gut microbiota in Obesity and Diabetes  <i>Angelo Michele Carella, T. Masselli-Mascia Hospital, Italy</i>
14:40-15:00	04:40-05:00	Title: Pain: An opioid epidemic requiring a non-opioid alternative  <i>Sean Hall, Medlab Clinical LTD, Australia</i>

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15:00-15:20	15:00-15:20	Title: Pathway-centric approaches to uncover markers of treatment response in cancer patients <i>Antonina Mitrofanova, Rutgers Cancer Institute of New Jersey, USA</i>
15:20-15:40	21:20-21:40	Title: Halalopathy: A Precise Medicine for Precise Patient <i>Jawad Alzeer, University of Zurich, Switzerland</i>
15:40- 16:00	15:40- 16:00	Title: Absolute quantitation of protein biomarkers to improve the accuracy of Breast Cancer Diagnostics <i>Jiandi Zhang, Quanticision Diagnostics Inc, USA</i>

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EST Timings    Local Timings

**Keynote Presentations**

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09:10-10:00    15:10-16:00    Title: Importance of Personalized Precision Nutrition and Functional foods in healthy aging

*Alexander G. Haslberger, University of Vienna, Austria*

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10:00-10:50    10:00-10:50    Title: The role of Metabolomics in Precision Medicine of Osteoarthritis: Where are we now?

*Guangju Zhai, Memorial University of Newfoundland, Canada*

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**Poster Presentation**

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10:50-11:00    21:50-22:00    Title: A randomized controlled trial of wooden tongue depressor exercise therapy versus usual care to improve mouth opening ability among head and neck cancer patients

*Pisamai Natun, Mahidol University Amnatcharoen Campus, Thailand*

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11:00-11:10    18:00-18:10    Title: Calcium-sensing Receptor Antagonist NPS-2143 Inhibits Breast Cancer Cell Proliferation, migration and invasion via downregulation of P-ERK1/2, Bcl-2 and Integrin  $\beta$ 1 and Induces Caspase 3/7 Activation

*Mohammad A Y Alqudah, Jordan University of Science and Technology, Jordan*

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11:10-11:20    19:10-19:20    Title: Stakeholder's interest and attitudes toward Genomic Medicine and Pharmacogenomics implementation in the United Arab Emirates: A qualitative study

*Azhar Talal, United Arab Emirates University, UAE*

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**Oral Presentations**

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11:20-11:40    11:20-11:40    Title: A machine learning approach to identify a circulating microRNA signature for Alzheimer disease

*Xuemei Zhao, Merck & Co, USA*

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11:40-12:00	18:40-19:00	Title: Antibody-Proteases as a Novel Biomarker and a unique target to suit translational tools to be applied for Biodesign, Bioengineering and Regenerative Medicine  <i>Sergey Suchkov, Sechenov University, Russia</i>
12:00-12:20	18:00-18:20	Title: Microarns are biomarkers of cardiovascular events due to chronic kidney disease  <i>Laurent Metzinger, Universite de Picardie Jules Verne, France</i>
12:20-12:40	11:20-11:40	Title: Keeping cancer in remission - A consensus from patients  <i>Xu Chen, The College of St. Scholastica, USA</i>
12:40-13:00	17:40-18:00	Title: Predictive, Precise, Personalized and Prognostic medicine for NAFDL, NASH and liver cancers in sub-Saharan Africa: Challenges, solutions and perspectives  <i>Benjamin Longo Mbenza, Lomo University of Research, The Democratic Republic of Congo</i>
13:00-13:20	19:00-19:20	Title: Functionalized Red Carbon Nanodots for Precision Cancer Chemo-Phototherapy  <i>Nicolo Mauro, University of Palermo, Italy</i>
13:20-13:40	21:20-21:40	Title: Towards quantitative perfusion MRI of the Lung in COPD: The problem of short-term repeatability  <i>Alvard Ter-Karapetyan, Vardanants Center of Innovative Medicine, Armenia</i>
13:40-14:00	13:40-14:00	Title: Genomic variability of animal models as platforms for accelerating precision medicine: Applications for Lysosomal storage diseases and Parkinson's disease  <i>Andres D Klein, Clinica Alemana Universidad del Desarrollo, Chile</i>
14:00-14:20	20:00-20:20	Title: Profiling the response to neoadjuvant chemoradiotherapy in Locally Advanced Rectal Cancer  <i>Milena Cavic, Institute for Oncology and Radiology of Serbia, Serbia</i>

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14:20-14:40    20:20-20:40    Title: Oral manifestation of COVID 19 and photodynamic therapy for SARS-CoV-2 infection

Cinzia Casu, University of Cagliari, Italy

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14:40-15:00    14:40-15:00    Title: Serum EGF levels normalized by platelets count: Its potential in cancer screening and personalization of therapies directed to EGF/EGFR axis

Idania Gonzalez Perez, National Institute of Oncology and Radiobiology, Cuba

15:00-15:10

**Closing Ceremony**

## QUERIES? CONTACT

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