

JOINT EVENT ON

# PRECISION MEDICINE AND ORPHAN DRUGS



# 17-18

**AUGUST 2023**

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# DAY 01

## THURSDAY, AUGUST 17



### KEYNOTE PRESENTATIONS

British Summer Time (BST)	Local Timings	
09:30-10:00		<b>AV Check</b>
10:00-10:10		<b>Opening Ceremony</b>
10:10-10:50	19:10-19:50	<b>Roy Gary Beran, University of New South Wales, Australia</b> Title: The use of anti seizure medication therapeutic blood level determination to personalise the treatment of epileptic seizures especially in patients attending the accident and emergency department
10:50-11:30	12:50-13:30	<b>Sergey Suchkov, Institute for Biotech &amp; Global Health of RosBioTech and A.I. Evdokimov MGMSU, Russian Federation</b> Title: Personalized and Precision Medicine (PPM) as a Unique Healthcare Model to be set up through biodesign-driven and Inspired biotech, translational applications to secure the human healthcare, wellness and biosafety

### ORAL PRESENTATIONS

11:30-11:50	20:30-20:50	<b>Ahmed Raza Khan, Australian National University, Australia</b> Title: Monitoring folds localization in ultra-thin transition metal dichalcogenides using optical harmonic generation
11:50-12:10	18:50-19:10	<b>Kavitha Palaniappan, Duke-NUS Medical School, Singapore</b> Title: A systematic review of regulatory approaches for Direct- To- Consumers (DTC) genetic testing
12:10-12:30	19:10-19:30	<b>Pei Ting Sarah Chou, Regulatory Affairs Professionals Society, Taiwan</b> Title: Regulatory framework of in vitro diagnostic and artificial intelligence for precision medicine
12:30-12:50	19:30-19:50	<b>Nurul Syakima Ab Mutalib, Universiti Kebangsaan Malaysia, Malaysia</b> Title: Unraveling cancer stem cell signatures in circulating tumor cells of metastatic colorectal cancer: Investigating ALDH1A1 and the repurposing potential of disulfiram via scRNA-seq
12:50-13:10	19:50-20:10	<b>Francis Tieng Yew Fu, Universiti Kebangsaan Malaysia, Malaysia</b> Title: Deciphering tumour heterogeneity and transcriptomic profiles of circulating tumor cells in archived metastatic colorectal cancer samples via single-cell mRNA sequencing
13:10-13:30	21:10-21:30	<b>Yuji Yokouchi, Kumamoto University, Japan</b> Title: Genome editing for precision medicine: Revolutionizing medicine




**Fuhong He, Beijing Institute of Genomics, China**

13:30-13:50 20:30-20:50 Title: Single-cell transcriptomics reveals multiple chemoresistant properties in leukemic stem and progenitor cells in pediatric AML

**Guo Wei He, Tianjin University, China**

13:50-14:10 20:50-21:10 Title: Genetic variants of the CITED2 gene promoter in sporadic tetralogy of fallot patients with clinical implications

**Isabella Friis Jorgensen, University of Copenhagen, Denmark**

14:10-14:30 15:10-15:30 Title: Time-ordered comorbidity correlations identify patients at risk of mis- and overdiagnosis

**Orestis Ioannidis, Aristotle University of Thessaloniki, Greece**

14:30-14:50 16:30-16:50 Title: Use of indocyanine green fluorescence imaging in the extrahepatic biliary tract surgery

**Stefania Di Mauro, University of Catania, Italy**

14:50-15:10 15:50-16:10 Title: Mitochondrial RNAs as potential biomarkers of functional impairment in diabetic kidney disease

**Orestis Ioannidis, Aristotle University of Thessaloniki, Greece**

15:10-15:30 17:10-17:30 Title: Open abdomen and negative pressure wound therapy for acute peritonitis especially in the presence of anastomoses and ostomies

## POSTER PRESENTATIONS

**Lina Carvalho, University of Coimbra, Portugal**

15:30-15:40 15:30-15:40 Title: Pulmonary adenocarcinoma: Questioning six years follow up of resistance mutations with anti- ALK therapy – case report

## KEYNOTE PRESENTATIONS

**Matthias Schwab, University of Tübingen, Germany**

15:40-16:20 16:40-17:20 Title: Pharmacogenomics: Current status and future directions

**Bernd Blobel, University of Regensburg, Germany**

16:20-17:00 17:20-18:00 Title: Designing and managing intelligent and interoperable precision medicine ecosystems

## ORAL PRESENTATIONS

**Boris Tankhilevich, Magtera, Inc., United States**

17:00-17:20 09:00-09:20 Title: Precision treatment of Alzheimer's

**Thomas Webster, Interstellar Therapeutics, United States**

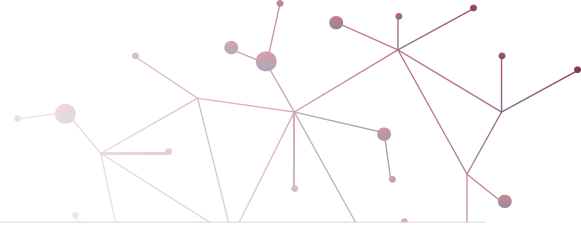
17:20-17:40 12:20-12:40 Title: Artificial intelligence and precision medicine: A perfect combination

**David W Hein, University of Louisville, United States**

17:40-18:00 12:40-13:00 Title: Pharmacogenomic-guided therapy: Insights from n-acetyltransferase 2 genetic polymorphism

**Wei Wu, UCSF, United States**

18:00-18:20 10:00-10:20 Title: Deficiency of the splicing factor RBM10 limits EGFR inhibitor response in EGFR-mutant lung cancer



<b>18:20-18:40</b>	<b>10:20-10:40</b>	<b>Mehrbod Vakhshoori, Loma Linda University, United States</b> Title: Platelet to lymphocyte ratio (PLR) and its association with heart failure clinical outcomes; A systematic review and metaanalysis
<b>18:40-19:00</b>	<b>13:40-14:00</b>	<b>Qianqian Song, Wake Forest University School of Medicine, United States</b> Title: Gain spatial biology insight via graph-based artificial intelligence
<b>19:00-19:20</b>	<b>14:00-14:20</b>	<b>Arun Rishi, Wayne State University, United States</b> Title: A novel mechanism to inhibit NF-kB and enhance chemotherapy efficacy in breast cancer
<b>19:20-19:40</b>	<b>21:20-21:40</b>	<b>Ekaterina Minskaia, Sirius University of Science and Technology, Russian Federation</b> Title: Development of recombinant VSV-based oncolytics for cancer immunotherapy
<b>19:40-20:00</b>	<b>21:40-22:00</b>	<b>Nergiz Gurbuz Colak, Izmir Institute of Technology, Turkey</b> Title: Nanotechnological advances in the treatment of leishmaniasis
<b>20:00-20:10</b>	<b>22:00-22:10</b>	<b>Diana Alasmar, Damascus University, Syrian Arab Republic</b> Title: The results of the genetic study of unexplained family deaths in some syrian cases

End of day 01



# DAY 02

## FRIDAY, AUGUST 18



### KEYNOTE PRESENTATIONS

British Summer  
Time (BST)      Local Timings

09:30-10:00

**AV Check**

10:00-10:40

11:00-11:40

**Daniel Scherman, Foundation for Rare Diseases, France**

Title: The foundation for rare disease and its role in the european rare disease research landscape

### POSTER PRESENTATIONS

10:40-10:50

17:40-17:50

**Huaxiu Wang, Shaanxi Provincial Hospital, China**

Title: The effect of Eupalinolide B on amyotrophic lateral sclerosis: A case report

### ORAL PRESENTATIONS

10:50-11:10

17:50-18:10

**Juan He, Shanghai JiaoTong University School of Medicine, China**

Title: Development of a risk prediction model for subsequent infection after colonization with carbapenem-resistant enterobacterales: A retrospective cohort study

11:10-11:30

18:10-18:30

**Jiao Fuyong, Shaanxi Provincial People's Hospital, China**

Title: Progress related in genetic research on kawasaki disease

11:30-11:50

13:30-13:50

**Fereshteh Sedaghat, Aristotle University, Greece**

Title: Covid-19 seems to be Initiated by the heparan-sulfate dysregulation by coronavirus: The use of Low-Molecular- Weight Heparin (LMWH) can prevent and treat Covid-19 when it is used in early stages, as a Heparan-Sulfate-Regulating Medicine

11:50-12:10

12:50-13:10

**Magali Tael, GenSight Biologics, France**

Title: Lumevoq gene therapy in leber hereditary optic neuropathy

12:10-12:30

16:40-17:00

**J. Somasekar, Jain University, India**

Title: Drug recommendation system using a collaborative filtering in machine learning

12:30-12:50

13:30-13:50

**Angel Cuesta, Complutense University of Madrid, Spain**

Title: Blockers of  $\beta$ 2-adrenergic receptors reduce inflammation and oxidative stress in von hippel-lindau rare tumor

12:50-13:10

14:50-15:10

**Kondakova O. B, National Medical Research Center for Children's Health, Russian Federation**

Title: Rare forms of primary enzyme defects in monoamine biosynthesis: AADCDC and TH-deficient progressive Infantile encephalopathy

**FINAL PROGRAM**



**13:10-13:30 17:40-18:00** **Kranthi Kumar Singamaneni, Chaitanya Bharathi Institute of Technology, India**  
Title: Cyber security role for rare diseases and pharmaceutical industry

**13:30-13:50 18:00-18:20** **Priyanka Wadhwa, Ikris Pharma Network, India**  
Title: Unlocking hope: India's initiatives to improve rare disease healthcare

**13:50-14:10 18:20-18:40** **Arti Sharma, Govt. P.G. College Prithvipur, India**  
Title: Immunoproteomic Approach towards Vaccine Development against Botulism of *C. botulinum* Type B

**14:10-14:30 16:10-16:30** **Zeynep Unluturk, University of Health Sciences Kocaeli Derince Training Hospital, Turkey**  
Title: Neiman-pick disease Type C- early onset dementia

**14:30-14:50 09:30-09:50** **Vicki Ratner, International Society for the Study of BPS, United States**  
Title: Interstitial cystitis/bladder pain syndrome - a rare disease?

**14:50-15:10 08:50-09:10** **Paul L. Kaufman, University of Wisconsin-Madison, United States**  
Title: Gene and stem cell therapy for glaucoma

## KEYNOTE PRESENTATIONS

**15:10-15:50 10:10-10:50** **Deborah Shelton, Appendix Cancer PMP (ACPMP) Research Foundation, United States**  
Title: Overview of appendix cancer PMP (ACPMP) research foundation & epithelial appendiceal malignant neoplasms: A rare but challenging cancer with critical unmet medical need

**15:50-16:30 10:50-11:30** **Vivek Gupta, St. John's University, United States**  
Title: Repurposing clofazimine for efficacy in mesothelioma – In-vitro and ex-vivo evaluation

**16:30-17:10 11:30-12:10** **Harsha K. Rajasimha, Jeeva Informatics Solutions Inc, United States**  
Title: What does a technology-enabled patient concierge mean to the orphan drugs industry?

## POSTER PRESENTATIONS

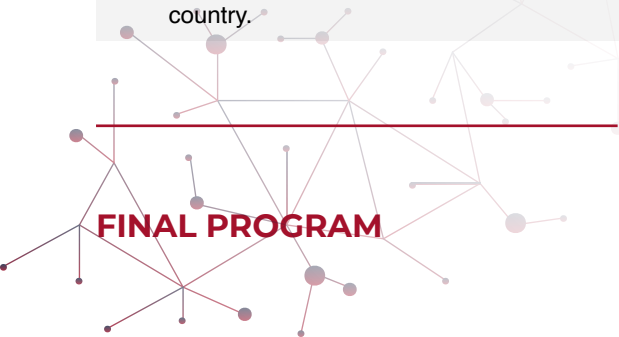
**17:10-17:20 11:10-11:20** **Drake Carter, Rosalind Franklin University of Medicine and Science, United States**  
Title: Ocular manifestations in a cohort of 43 patients with KBG syndrome

**17:20-17:30 13:20-13:30** **Daniel Wainstock, Georgetown University, Brazil**  
Title: Advancing rare disease policy in latin America: a call to action

### Note:

- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation.
- When the program refers to "Local Timings," it means that the timing mentioned is based on the time zone of the presenter's country.

END NOTE



*We wish to meet you again at  
our upcoming event!!*

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**QUERIES? CONTACT**

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