



[www.genomicmedicine.org](http://www.genomicmedicine.org)

**The 3<sup>rd</sup> Symposium on Genomic & Precision Medicine, 20<sup>th</sup> June 2024**  
Willoughby Lecture Theatre, Charterhouse Campus, Queen Mary University of London

**“Genomics and Multi-OMICS for Precision Healthcare”**

*You are all invited to participate in the third biennial symposium on genomic precision medicine and healthcare. The symposium aims to discuss and explore importance of emerging novel multi-OMICS approaches for in delivering the precision medicine and healthcare. Renowned global Faculty will deliver the excellent programme including the Professor Sir David Weatherall Oration (2024). The conference is held in person hosted by the William Harvey Research Institute, Queen Mary University of London, England. UK.*

**Programme**

- 0930** Welcome/ Registration  
Tea/ Coffee
- 1000** **Introduction**  
*Professor Dhavendra Kumar,*  
*Chair- Programme & Organising Committee*
- 1015** **Session I: Genomic and OMIC technologies**  
**Chair: Professor Patricia Munroe, WHRI, QMUL, UK**
- **‘Genomics and Multi-OMICS testing in NHS Genomic Laboratory’**  
*Prof Mike Hubank, NHSE North London Genomic Laboratory, UK*
  - **‘Pathogen genomics in multi-OMICS healthcare’**  
*Prof. Tom Connor, Pathogen Genomics Unit, NHS Wales, Cardiff*
  - **‘The importance of artificial intelligence/machine learning in the multi-OMICS medicine’**  
*Prof. Michael Barnes, WHRI, QMUL, UK*
- 1130** Tea/ Coffee
- 1150** **Session II:**  
**Chair- Prof. Panos Deloukas, Director, WHRI, QMUL, UK**
- **‘Elements and Challenges for Multi-OMICS Medicine**  
*Professor Matt Brown, Chief Scientist- Genomics England, UK*
  - **‘Multi-OMICS in cardiometabolic disease’**  
*Prof. Claudia Langenberg, WHRI, QMUL, UK*
  - **‘Pharmacogenomics in the Multi-OMICS practice of Medicine’**  
*Professor Sir Munir Pirmohamed, Univ. of Liverpool, England, UK*

1300	LUNCH
1345	<p><b>Session III: Organisation and Development of Multi-OMICS Medicine</b> <b>Chair: Prof. Dame Sue Hill, Chief Advisor, NHSE Genomics Service</b></p> <ul style="list-style-type: none"><li>• <b>‘Delivering the multi-OMICS Medicine in clinical practice’</b> <i>Professor Sir Mark Caulfield, Vice Principal (Research), QMUL</i></li><li>• <b>‘Education and Skills development for genomic/OMIC healthcare’</b> <i>Prof. Kate Tatton-Brown, NHSE Genomics &amp; St. George’s, London, UK</i></li><li>• <b>‘Genetic Counsellor’s role in multi-disciplinary genomic/OMIC healthcare’</b> <i>Ms. Pooja Dasani, Lead Genetic Counsellor, NW Thames Genetic Service, Great Ormond Street Hospital, UK</i></li></ul>
1500	Tea/Coffee Break
1520	<p><b>Session III: ‘The Professor Sir David Weatherall Oration- 2024’</b> <b>Chair- Professor Sir Munir Pirmohamed, Patron, GMF-UK</b> <i>Delivered by – Professor Charles Swanton, Director, UCL Crick Institute, London, UK</i></p> <p><b>‘Molecular impact of environmental pollution in lung cancer’ (TBC)</b></p>
1630	<b>Discussion/ Reflections/ Vote of Thanks- Professor Sir Pirmohamed</b>
1645	Close

To Register: <https://www.genomicmedicine.org/product/genomics2024/>

For all other enquiries: [genomicmedicine@yahoo.co.uk](mailto:genomicmedicine@yahoo.co.uk) / [md@genomicmedicine.org](mailto:md@genomicmedicine.org) / [d.kumar@qmul.ac.uk](mailto:d.kumar@qmul.ac.uk)