

ESHG Precision Genomic Medicine Workshop 2025 TIMETABLE

April 9 th (Wed)	April 10 th (Thurs)	April 11 th (Fri)
	<p>Session 2 Time: 9.00 - 12.00 Session Structure: Workshop-like Title: Ethics in Genomic Precision Genomic</p> <p>Educators:</p> <ul style="list-style-type: none"> • Prof. Anneke Lucassen University of Oxford, UK • Prof. Andrew Green Children’s Health Ireland, Ireland • Prof. Aideen McInerney-Leo University of Queensland, Australia • Dr. Shauna Quinn Children’s Health Ireland, Ireland • Dr.Yuxin Woon Children’s Health Ireland, Ireland <p>Topics:</p> <ul style="list-style-type: none"> • Introduction to Ethical considerations in Genomic Medicine • Polygenic Risk Scores applications • Population Screening/ New-born Screening • Direct to Consumer Testing • Consent/Autonomy 	<p>Session 4 Time: 9.00 - 12.00 Session Structure: Lecture Series Title: Current Genome Guided Treatments & Gene Directed Therapies</p> <p>Educators:</p> <ul style="list-style-type: none"> • Prof Dr.Jesse Swen Leiden University, The Netherlands • Dr James O’Byrne Mater Misericordae Hospital, Dublin, Ireland • Dr John McDermott, University of Manchester, UK • Prof. Jane Farrar, Trinity College Dublin, Ireland • Prof. David Keegan Mater Misericordae Hospital, Dublin, Ireland • Dr Joseph Galvin Mater Misericordae Hospital, Dublin, Ireland • Prof. Declan O’Rourke Children’s Health Ireland, Ireland • Dr. Karl Kavanagh, Children’s Health Ireland, Ireland • Prof. Peter Doran, University College Dublin, Ireland <p>Topics: On-the-ground examples being used in clinics</p> <ul style="list-style-type: none"> • Pharmacogenomics • Inherited Metabolic Disorders • Mitochondrial genome • Ophthalmology • Cardiology • Neurology • Clinical trials (N=1/N=few)
	Lunch 12.00-13.30 (including Presentation from the National Genetics and Genomics Office, Dublin)	Lunch 12.00-12.45
<p>Session 1 Time: 18.00-20.30 18.00 Reception & Welcome</p> <p>18.45 Opening Talks & Discussion</p> <p>Educators:</p> <ul style="list-style-type: none"> • Dr. Les Biesecker National Human Genome Research Institute of the National Institutes of Health, USA • Patient Representative (TBA) <p>(Speakers Dinner 20.30-10.30)</p>	<p>Session 3 Time: 13.30 - 16.30 Session Structure: Workshop-like Title: Integration/Convergence of Technology with Precision Genomic Medicine</p> <p>Educators:</p> <ul style="list-style-type: none"> • Dr. Daniel Murphy University College Dublin, Ireland • Dr. Shane McKee Belfast Health & Social Care Trust, UK • Dr. Alexander Deng Guy’s and St Thomas’s NHS Foundation Trust, UK • Prof. Benedikt Hallgrímsson University of Calgary, Canada • Prof Edward Tobias University of Glasgow, UK • Dr. Nicola Walsh Children’s Health Ireland, Ireland <p>Topics:</p> <ul style="list-style-type: none"> • Bioinformatics • Natural Language Processing eg. ChatGPT • Computer Vision eg Medical Photography • Virtual Engagement with 3D structure protein • Electronic Health Record 	<p>Session 5 Time: 12.45- 15.45 Session Structure: Workshop-like Title: How to Establish/Develop a Precision Genomic Med Clinic in 2025</p> <p>Educators:</p> <ul style="list-style-type: none"> • Dr Oana Caluseriu University of Alberta, Canada • Dr Sofia Nunes Mater Misericordae Hospital, Dublin, Ireland • Dr Sally Ann Lynch Children’s Health Ireland, Ireland • Dr Sinead Howard Mater Misericordae Hospital, Dublin, Ireland • Dr Gordon Blackshield Mater Misericordae Hospital, Dublin, Ireland • Dr John Coleman Children’s Health Ireland, Ireland <p>Topics:</p> <ul style="list-style-type: none"> • Pipeline from Lab- clinical end-user • Multidisciplinary Team Structure • Challenges • Integration of Genomic Data • Accurate & Deep Phenotyping • Expansion beyond clinical practice • International networks eg ERNs
	Evening Meal with Entertainment for all participants : Bus departing at 17.30	15.45- 16.00 Meeting Close