Genomic Practice for Genetic Counsellors
31 January - 2 February 2022

Virtual Conference Agenda

Start (GMT)	Finish (GMT)	Time allocated	Format	Presenter details
Monday, 31 January 2022				
09:00	09:10			Welcome
09:00	09:10	10 mins	Live	***Scientific Programme Committee:*** *Gemma Chandratilake, University of Cambridge, UK* *Catherine Houghton, Liverpool Women's Hospital, UK* *Nicki Taverner, Cardiff University, UK*
09:10	10:45			Session 1: The role of genomics in healthcare
09:10	09:15	5 mins	Live	Introduction to the session *Chair: Nicki Taverner*
09:15	09:30	15 mins	Pre-recorded	Development of Genomic Testing *Gemma Chandratilake*
09:30	09:45	15 mins	Pre-recorded	The role in the NHS *Catherine Houghton*
09:45	10:00	15 mins	Pre-recorded	Genomics in Africa: Health and Research *Tina Wessels, University of Cape Town, South Africa*
10:00	10:15	15 mins	Pre-recorded	Genetic Counselling Landscape in the Middle East *Tamam Khalaf, Igenomix Middle East, United Aab Emirates*
10:15	10:45	30 mins	Live	Q&A *Chair: Nicki Taverner* *Moderator: Gemma Chandratilake*
10:45	11:05	20 mins		Break
11:05	14:55			Session 2: Cancer Genomics
11:05	11:10	5 mins	Live	Introduction to the session *Chair: Nicki Taverner*
11:10	12:40	90 mins	Live	Workshop 1: Hereditary Cancer *Jonathan Roberts, Cambridge University Hospitals, UK* *Interactive workshop*
12:40	13:25	45 mins		Break
13:25	13:55	30 mins	Pre-recorded	A million to one: how we find (and miss) meaningful variants in genomic sequencing *Gemma Chandratilake and Catherine Houghton*
13:55	14:25	30 mins	Pre-recorded	Cancer Genomics: Bridging from the tumour to the germline in variant interpretation *Clare Turnbull, The Institute of Cancer Research, UK*
14:25	14:55	30 mins	Live	Q&A *Chair: Nicki Taverner* *Moderator: Catherine Houghton*
14:55	15:55	60 mins	Live	Networking/discussion

Tuesday, 1 Febuary 2022				
09:00	11:20			Session 3: Variant Interpretation
09:00	09:05		Live	Introduction to the session *Chair: Catherine Houghton*
09:05	09:20	15 mins	Pre-recorded	Introduction to a genome browser *Gemma Chandratilake*
09:20	09:50	30 mins	Pre-recorded	Functional studies - When is a variant pathogenic? *Nicki Taverner*
09:50	11:20	90 mins	Live	Workshop 2: Variant interpretation using DECIPHER *Julia Foreman, Wellcome Trust Sanger Institute, UK* Group work /interactive elements
11:20	11:40	20 mins		Break
11:40	13:15			Session 4: Broadening access to genomics I
11:40	11:45		Live	Introduction to the session *Chair: Gemma Chandratilake*
11:45	12:15	30 mins	Pre-recorded	Polygenic Risk Scores in Genomic Healthcare: what, why, how and when *Cathryn Lewis, King's College London, UK*
12:15	12:45	30 mins	Pre-recorded	West Midlands FH Service - Cascading an innovative model of delivery. *Elaine George*
12:45	13:15	30 mins	Live	Q&A *Chair: Gemma Chandratilake* *Moderator: Nicki Taverner*
13:15	14:00	45 mins		Break
14:00	15:00	60 mins	Live	Networking/Case study discussion

Wednesday, 2 February 2022				
10:30	12:35			Session 5: Broadening access to genomics II
10:30	10:35	5 mins	Live	Introduction to the session *Chair: Nicki Taverner*
10:35	11:05	30 mins	Live	The role of GCs in the genomic era - MDTs, practice development *Led by programme committee*
11:05	11:35	30 mins	Pre-recorded	Developing a national newborn screening programme using whole genome sequencing *Amanda Pichini, Genomics England, UK*
11:35	12:05	30 mins	Pre-recorded	RDNow: bridging the gap to diagnosis in rare disease *Lyndon Gallacher, Victorian Clinicial Genetics Service, Australia*
12:05	12:35	30 mins	Live	Q&A *Chair: Nicki Taverner* *Moderator: Catherine Houghton*
12:35	12:55	20 mins		Break
12:55	15:15			Session 6: Cardiac genomics
12:55	13:00	5 mins	Live	Introduction to the session *Chair: Catherine Houghton*
13:00	13:30	30 mins	Pre-recorded	Cardiac genomics *Chloe Reuter, Stanford University, USA*
13:30	13:45	15 mins		Break
13:45	15:15	90 mins	Live	Workshop 3: Cardiac genomics - Variant interpretation *Chloe Reuter, Stanford University, USA* *Group work /interactive elements*
15:15	15:30	15 mins		Break
15:30	16:10			Closing remarks
15:30	16:00	30 mins	Live	Next steps: applying what you have learned on this course - Panel discussion *Led by programme committee*
16:00	16:10	10 mins	Live	Closing remarks ***Scientific Programme Committee:*** ***Gemma Chandratilake*** ***Catherine Houghton*** ***Nicki Taverner***