WELLCOME GENOME CAMPUS
CONNECTING SCIENCE
ADVANCED COURSES+ SCIENTIFIC CONFERENCES

Genomic Practice for Genetic Counsellors

2-4 February 2021

Virtual Course Agenda

Start (BST)	Finish (BST)	Presenter details
Tuesday, 2 February 2021		
09:00	**09:10**	**Welcome**
		Welcome and introduction to the course ***Programme committee*** *Scientific Programme Committee:* *Gemma Chandratilake* *Catherine Houghton* *Nicki Taverner*
09:10	**10:30**	**Session 1: The role of genomics in healthcare**
09:10	09:15	Introduction to the session *Chair: Nicki Taverner*
09:15	09:30	Development of Genomic Testing *Gemma Chandratilake*
09:30	09:45	The role in the NHS *Catherine Houghton*
09:45	10:00	An international perspective - Melbourne Genomics Health Alliance *Clara Gaff*
10:00	10:30	Q&A with speakers *Chair: Nicki Taverner* *Moderator: Gemma Chandratilake*
10:30	10:50	Break
10:50	**14:25**	**Session 2: Cancer Genomics**
10:50	10:55	Introduction to the session *Chair: Nicki Taverner*
10:55	12:25	Workshop 1: Hereditary Cancer *Heather Pierce* *Interactive workshop*
12:25	13:10	Break
13:10	13:40	A million to one: how we find (and miss) meaningful variants in genomic sequencing *Gemma Chandratilake and Catherine Houghton*
13:40	14:10	Cancer Genomics: Bridging from the tumour to the germline in variant interpretation *Clare Turnbull*
14:10	14:25	Q&A with speaker *Chair: Nicki Taverner* *Moderator: Catherine Houghton*
14:25	15:25	Networking/discussion

Genomic Practice for Genetic Counsellors

2-4 February 2021

WELLCOME GENOME CAMPUS
CONNECTING SCIENCE
ADVANCED COURSES+ SCIENTIFIC CONFERENCES

Wednesday, 3 February 2021

09:00	11:20	Session 3: Variant Interpretation
09:00	09:05	Introduction to the session *Chair: Catherine Houghton*
09:05	09:20	Introduction to a genome browser *Gemma Chandratilake*
09:20	09:50	Functional studies - When is a variant pathogenic? *Nicki Taverner*
09:50	11:20	Workshop 2: Variant interpretation using DECIPHER and other approaches *Julia Foreman and Gemma Chandratilake* Group work /interactive elements
11:20	11:40	Break

11:40	13:05	Session 4: Testing in the real world
11:40	11:45	Introduction to the session *Chair: Gemma Chandratilake*
11:45	12:05	Private Genetic Testing: Consumer-led practice *Victoria Kiesal*
12:05	12:35	Clinical genomics, acute care diagnostics and undiagnosed disease programmes in Melbourne, Australia *Lyndon Gallacher*
12:35	13:05	*Q&A with speakers* *Chair: Gemma Chandratilake* *Moderator: Nicki Taverner*
13:05	13:50	Break
13:50	14:50	Networking/discussion

Genomic Practice for Genetic Counsellors

2-4 February 2021

Thursday, 4 February 2021

10:30	12:35	Session 5: Future challenges in genomic medicine
10:30	10:35	Introduction to the session *Chair: Nicki Taverner*
10:35	11:05	The role of GCs in the genomic era - MDTs, practice development *Led by programme committee*
11:05	11:35	Polygenic Risk Scores in Genomic Healthcare: what, why, how and when *Cathryn Lewis*
11:35	12:05	Future of genetic counselling - the challenges and opportunities *Anna Middleton*
12:05	12:35	*Q&A with speakers* *Chair: Nicki Taverner* *Moderator: Catherine Houghton*
12:35	12:55	Break

12:55	15:15	Session 6: Cardiac genomics
12:55	13:00	Introduction to the session *Chair: Catherine Houghton*
13:00	13:30	Cardiac genomics *Colleen Caleshu*
13:30	13:45	Break
13:45	15:15	Workshop 3: Cardiac genomics - Variant interpretation *Colleen Caleshu* *Group work /interactive elements*
15:15	15:30	Break

15:30	16:10	Closing remarks
15:30	16:00	Next steps: applying what you have learned on this course - Panel discussion *Chair: Gemma Chandratilake*
16:00	16:10	**Closing remarks** ***Scientific Programme Committee:*** ***Gemma Chandratilake*** ***Catherine Houghton*** ***Nicki Taverner***