

XDF Programme Tutorials 2019-20

The Tutorials will be held in the IGMM South building (Cancer Research UK Edinburgh Centre) Seminar Room S1.14 on a Monday at 14.00 (unless shown otherwise on the schedule). Please be advised that we intend to record the tutorials.



What is a gene?	Chris Ponting	23 Sep 2019 14:00-15:00
Computing the cancer genome	Colin Semple	30 Sep 2019 14:00-15:00; EG.02 Lecture Theatre
Cracking the genetic code: what are proteins and how they are made	Carolina Ugenti	7 Oct 2019 14:00-15:00
How does RNA fold?	Grzegorz Kudla	14 Oct 2019 15:00-16:00
What is a genome?	Chris Ponting	21 Oct 2019 15:00-16:00
How to go from single cell data to single cell knowledge? – Part 1	Catalina Vallejos/ Tamir Chandra	28 Oct 2019 14:00-15:00
How to go from single cell data to single cell knowledge? – Part 2	Catalina Vallejos/ Tamir Chandra	4 Nov 2019 14:00-15:00
Genetic causes of eye diseases	Amy Findlay	18 Nov 2019 14:00-15:00
What can mass spectrometry do for you?	Jimi Wills	25 Nov 2019 14:00-15:00
Genomic medicine and liquid biopsy	Tim Aitman	2 Dec 2019 14:00-15:00
How to create a research cohort for health data science?	David Porteous	13 Jan 2020 14:00-15:00
Precision oncology – risk assessment and treatment selection for cancer	Andy Sims	20 Jan 2020 14:00-15:00
What do you need to know about advanced fluorescence based bio-imaging techniques?	Ann Wheeler	27 Jan 2020 13:00-14:00
What is molecular pathology?	Mark Arends/ Simon Herrington	3 Feb 2020 14:00-15:00; EG.02 Lecture Theatre
RNA processing in nucleus and mitochondria	Ashish Dhir	10 Feb 2020 14:00-15:00
What is drug discovery and how we do it?	Neil Carragher	24 Feb 2020 14:00-15:00
How are genes regulated by enhancers?	Wendy Bickmore	2 Mar 2020 14:00-15:00
Clinical trials and how they can link to tissue analyses to drive forward understanding of the link between tumour biological characteristics	David Cameron	9 Mar 2020 14:00-15:00



**CANCER
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and clinical outcomes		
How are electronic health records analysed?	Jonine Figueroa	23 Mar 2020 14:00-15:00
What is cellular senescence?	Juan Carlos Acosta	30 Mar 2020 14:00-15:00
Generating mouse models of human disease and working with them	Emma Hall	6 Apr 2020 14:00-15:00
Genome editing and how it can be used for therapy	Peter Tennant	20 Apr 2020 14:00-15:00
What is a complex trait?	Pippa Thomson	27 Apr 2020 14:00-15:00
What should you know about publishing in biomedical sciences?	Chris Ponting	4 May 2020 14:00-15:00
What is bioimage analysis?	Peter Bankhead	11 May 2020 14:00-15:00
Introduction to health economics	Alistair Bullen	18 May 2020 14:00-15:00