



# ADVANCED COURSES + SCIENTIFIC CONFERENCES

# 2019

WELLCOME GENOME CAMPUS

## CONFERENCES

- Immunogenomics of Disease  
5-7 February
- The Challenge of Chronic Pain  
4-6 March
- Genomics of Rare Disease  
27-29 March
- Personal Genomes: Accessing, Sharing and Interpretation **NEW**  
11-12 April
- Animal Genetics and Diseases  
8-10 May
- Applied Bioinformatics and Public Health Microbiology  
5-7 June
- Health Data Science **NEW**  
11-12 June
- Evolution and Ecology of Cancer **NEW**  
17-19 July
- CRISPR and Beyond: Perturbations at Scale to Understand Genomes **NEW**  
2-4 September
- RNA Informatics  
9-11 September
- Mechanisms of Intergenerational Change: From Evolution to Health and Disease **NEW**  
24-26 September
- World Congress on Genetic Counselling  
2-4 October
- Plant Genomes in a Changing Environment  
16-18 October
- Exploring Human Host-Microbiome Interactions in Health and Disease  
23-25 October
- Human Evolution  
Autumn
- Epigenomics of Common Diseases  
6-8 November
- Mitochondrial Medicine  
11-13 December

## COURSES

### LABORATORY COURSES

- Genomics and Clinical Virology  
10-15 February
- Genetic Engineering of Mammalian Stem Cells  
10-22 March
- Next Generation Sequencing  
5-12 April
- Malaria Experimental Genetics  
12-18 May
- RNA Transcriptomics  
19-28 June
- Single Cell Technologies and Analysis  
19-26 July
- Train the Trainer: Capacity building for genomic pathogen surveillance in low-and middle-income countries **NEW**  
6-11 October
- Molecular Pathology and Diagnosis of Cancer  
17-22 November
- Derivation and Culture of Human Induced Pluripotent Stem Cells  
9-13 December

### COMPUTATIONAL COURSES

- Mathematical Models for Infectious Disease Dynamics  
18 February-1 March
- Working with Pathogen Genomes  
24-29 March
- Fungal Pathogen Genomics  
7-12 May
- Computational Molecular Evolution  
13-24 May
- Summer School in Bioinformatics  
24-28 June
- Systems Biology: From Large Datasets to Biological Insight  
8-12 July
- Bioinformatics for Immunologists  
15-19 July
- Genetic Analysis of Mendelian and Complex Disorders  
17-23 July
- Proteomics Bioinformatics  
21-26 July
- Genetic Analysis of Population-based Association Studies  
23-27 September

Next Generation Sequencing Bioinformatics  
1-7 December

### LECTURE/DISCUSSION COURSES

- Molecular Neurodegeneration  
14-18 January
- Genomic Practice for Genetic Counsellors  
28-30 January
- Public Engagement Masterclass  
8-10 July
- Science Policy: Improving the Uptake of Research into UK Policy  
19-21 August

## OVERSEAS COURSES

- Next Generation Sequencing Bioinformatics  
20-25 January (Chile)  
27 January-1 February (South Africa)
- Genomics and Epidemiological Surveillance of Bacterial Pathogens  
3-8 March (Peru)
- Practical Aspects of Drug Discovery  
7-12 April (South Africa)
- Viral Bioinformatics and Genomics  
23-28 June (Uganda)
- Molecular Approaches to Clinical Microbiology in Africa  
7-13 September (Kenya)
- Helminth Bioinformatics **NEW**  
8-13 September (Ghana)
- Antimicrobial Resistance in Bacterial Pathogens  
29 September-4 October (Vietnam)
- Working with Protozoan Parasite Database Resources  
10-15 November (Uruguay)

## ONLINE COURSES

Bacterial Genomes - 4 courses  
Genetic Counselling - 1 course

*Please see our website for more details and scheduling of online courses*

