

# ADVANCED COURSES &

# 2017



WELLCOME  
GENOME  
CAMPUS

# SCIENTIFIC CONFERENCES

## CONFERENCES

### The Challenge of Chronic Pain

1–3 March

### Innate Immune Memory

14–16 March

### Genomics of Rare Disease

5–7 April

### The Biology of Regenerative Medicine

25–27 April

### Applied Bioinformatics and Public Health Microbiology

17–19 May

### Translational Bioinformatics

12–13 June **NEW**

### The Genomics of Common Diseases

(Wellcome Genome Campus–*Nature Genetics*)

6–9 September

### Exploring Human Host-Microbiome Interactions in Health and Disease

13–15 September

### Animal Genetics and Diseases

20–22 September **NEW**

### Big Data in Biology and Health

(Wellcome Genome Campus–EMBL)

25–27 September

### World Congress on Genetic Counselling

4–6 October **NEW**

### Epigenomics of Common Diseases

14–17 November

### Human Evolution

20–22 November **NEW**

### Target Validation using Genomics and Informatics

(Wellcome Genome Campus–EMBL)

6–8 December

## COURSES

### LABORATORY COURSES

#### Genomics and Clinical Microbiology

22–27 January

#### Immunophenotyping: Generation and Analysis of Immunological Datasets

19–25 February

#### Genetic Engineering of Mammalian Stem Cells

12–24 March

#### Next Generation Sequencing

21–28 April

#### Protein Interactions and Networks

9–17 October

#### Chromatin Structure and Function

29 October–8 November

#### Molecular Pathology and Diagnosis of Cancer

26 November–1 December

#### Derivation and Culture of Human Induced Pluripotent Stem Cells (hiPSCs)

11–14 December

### COMPUTATIONAL COURSES

#### Mathematical Models for Infectious Disease Dynamics

13–24 February

#### Computational Molecular Evolution

8–19 May

#### Fungal Pathogen Genomics

11–16 May **NEW**

#### Summer School in Bioinformatics

26–30 June

#### In Silico Systems Biology: Dynamic Modelling of Biological Networks

9–14 July

#### Proteomics Bioinformatics

16–21 July

#### Genetic Analysis of Mendelian and Complex Disorders

19–25 July

#### Genetic Analysis of Population-based Association Studies

25–29 September

#### Next Generation Sequencing Bioinformatics

1–7 October

### LECTURE/DISCUSSION COURSES

#### Molecular Neurodegeneration

9–14 January

#### Genomic Medicine for Clinicians

25–27 January

#### Genomic Practice for Genetic Counsellors

7–9 February

#### Public Engagement Masterclass

26–28 June

#### Leena Peltonen School of Human Genomics

20–24 August

### OVERSEAS COURSES

#### Malaria Experimental Genetics

30 April–6 May (Ghana)

#### Genomics and Epidemiological Surveillance of Bacterial Pathogens

9–14 July (Costa Rica)

#### Human and Vertebrate Genomics: Bioinformatics Tools and Resources

10–12 August (South Africa)

#### Molecular Approaches to Clinical Microbiology in Africa

3–8 September (South Africa)

#### Working with Parasite Database Resources

15–20 October (Malawi)

#### Working with Pathogen Genomes

12–17 November (Vietnam)

