

# 2022-23

## learning and training

Educate, develop, inspire - transform careers.



### Conferences

**Reproducibility, replicability and trust in science**  
7-9 September 2022

**Genome informatics**  
21-23 September 2022

**CRISPR and beyond: perturbations at scale to understand genomes**  
28-30 September 2022

**Proteomics in cell biology and disease mechanisms**  
10-12 October 2022

**Microbiome interactions in health and disease**  
24-26 October 2022

**Virus genomics and evolution**  
9-11 November 2022

**Epigenomics of common diseases**  
16-18 November 2022

**Mitochondrial medicine: therapeutic development**  
21-23 November 2022

**Conservation genomics at the population level**  
30 November-2 December 2022

**Synthetic biology for future health**  
13-15 March 2023

**Genomic imprinting - from biology to disease**  
22-24 March 2023

**Genomics of rare disease**  
24-26 April 2023

**Applied bioinformatics & public health microbiology**  
3-5 May 2023

**Genomics of brain disorders**  
17-19 May 2023

**Multi-omics in metabolic disease**  
7-9 June 2023

### Courses

**Genetic analysis of population-based association studies**  
26-30 September 2022

**Next generation sequencing bioinformatics**  
2-7 October 2022

**Genetic engineering of mammalian stem cells**  
31 October-9 November 2022

**Molecular pathology and diagnosis of cancer**  
20-25 November 2022

**Genomics for dermatology**  
28-30 November 2022

**Computational systems biology**  
4-9 December 2022

**Derivation and culture of human induced pluripotent stem cells (hiPSCs)**  
12-15 December 2022

**Genomics and clinical microbiology**  
15-20 January 2023

**Clinical genomics - fundamentals of variant interpretation in clinical practice**  
25-27 January 2023

**Genomic practice for genetic counselling**  
30 January-1 February 2023

**Genomics and clinical virology**  
5-10 February 2023

**Next generation sequencing**  
24-31 March 2023



For a range of training opportunities, massive open online courses (MOOC's), virtual courses, distributed classrooms, and capacity building initiatives in Africa, Asia and Latin America, focused on SARS-CoV-2 SARS-CoV-2 genomics see:

<https://bit.ly/COG-Train-WCS>

### Global training

**Working with protozoan parasite database resources (Africa)**  
24-28 October 2022

**Practical aspects of drug discovery: at the interface of biology, chemistry and pharmacology (Latin America)**  
14-18 November 2022

**Next generation sequencing bioinformatics (Latin America)**  
22-27 January 2023

**Antimicrobial resistance in bacterial pathogens (Asia)**  
19-24 February 2023

**Genomics and epidemiological surveillance of bacterial pathogens (Latin America)**  
16-21 April 2023

### Online

**Bioinformatics for biologists: an introduction to Linux, bash scripting, and R**  
4-25 July 2022



**How to design and deliver pathogen genomics training for health and research professionals**  
17-20 October 2022



### Your digital mentor podcast

The Your Digital Mentor Podcast series provides free mentoring support through expert-led episodes, covering a wide-variety of career development topics.

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