

Workshop

Genotype to Phenotype: Bridging Comparative Genomics and Cell Biology

13 – 16 November 2022

Buxted Park

East Sussex

UK



Funded places for early-career researchers

In this Workshop, we aim to bring together computational, cell, and evolutionary biologists to help address this major challenge of integrative cell biology. We strongly believe that actively seeking out collaboration across fields will be crucial to push cell biology beyond the boundaries of individual species into a truly comparative discipline anchored to predictive models. In turn, computational biologists will have an opportunity to guide and influence the next phase of big data generation in cell biology.

Together, in deciphering the rules that underpin the relationship between the genome and the cell that encases it, we will better understand both evolution and cellular function.

Topics for discussion include:

- Improved tools for comparative genomics
- Big data in comparative cell biology
- Predictive models of evolution
- Integrating genomic information with phenotypic profiling

Organisers

Gautam Dey
Eelco C. Tromer

Speakers

- Steve Kelly
- Pedro Beltrao
- Jan de Vries
- Marie Delattre
- Omayya Dudin
- Maitreya Dunham
- Bas E. Dutilh
- Laura Eme
- Lillian Fritz-Laylin
- Toni Gabaldón
- Amy Gladfelter
- Georg Hochberg
- Liedewij Laan
- Deborah Marks
- Alex Nguyen Ba
- Thomas Richards
- Jeremy Wideman

Secure your place* alongside leading experts and other early-career researchers from a diverse range of scientific backgrounds.

Deadline: 13 May 2022

To find out more or apply online visit workshops.biologists.com

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