

MALARIA EXPERIMENTAL GENETICS

8-14 MAY 2016

WELLCOME GENOME CAMPUS, HINXTON, UK



**WELLCOME
GENOME
CAMPUS**

**ADVANCED
COURSES AND
SCIENTIFIC
CONFERENCES**

COURSE INSTRUCTORS

Oliver Billker

Wellcome Trust Sanger Institute, UK

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GUEST SPEAKERS

Dan Goldberg

Washington University, USA

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Deakin University, Australia

Nisha Philip

University of Glasgow, UK

Artur Scherf

Institut Pasteur, France

Moritz Treack

The Francis Crick Institute, UK

APPLICATION DEADLINE

5 February 2016

This laboratory-based course will give participants a working knowledge of, and practical experience in, cutting edge *Plasmodium* experimental genetics techniques, from designing gene targeting vectors and creating transgenic parasites to phenotyping the strains produced.

The programme strategy will be to follow a *Plasmodium* experimental genetics experiment from conception to completion, equipping attendees to design and carry out their own projects in the future.

Topics covered will include:

- Gene targeting vector construction
- Transfection and genotyping
- Molecular phenotyping

Limited bursaries are available (up to 50% of the course fee) and are awarded on merit.

Please see our website for full details:

wellcomegenomecampus.org/coursesandconferences