

CRISPR in Parasitology

19 - 20 November 2018

Institut Pasteur, Duclaux Auditorium

- Monday, November 19
 - 13 – 13.30 Check-in
 - 13.30 – 13.45 Welcome and Opening Remarks
 - 13.45 – 14.30 **Marcus Lee** (Wellcome Sanger Institute)
“New genetic approaches for antimalarial target discovery”
 - 14.30 – 14.50 **Nuria Sima Teruel** (Institut Pasteur)
“Multi-purposing CRISPR/dCas9 in *Trypanosoma brucei*”
 - 14.50 – 15.35 **Eva Gluenz** (University of Oxford)
“LeishGEdit: a CRISPR-Cas9 toolbox for high-throughput knockout and phenotyping in *Leishmania*”
 - 15.35 – 16.05 Coffee Break
 - 16.05 – 16.50 **Eva Rico Vidal** (University of Dundee)
“Precision editing in trypanosomes: 3 examples”
 - 16.50 – 17.10 **Jessica Bryant** (Institut Pasteur)
“When CRISPR doesn’t ‘cut’ it: dCas9 technologies in *P. falciparum*”
 - 17.10 – 17.30 **Michael Walker** (Pennsylvania State University)
“Ribozyme-mediated, multiplex CRISPR gene editing and CRISPRi in *Plasmodium*.”
 - 17.30 – 18.30 **David Bikard** (Institut Pasteur)
“Studying and fighting pathogenic bacteria with the help of CRISPR”
 - 18.30 – 20 Reception (drinks and snacks)
 - 20 – ? Dinner
- Tuesday, November 20
 - 9 – 9.15 Opening Remarks
 - 9.15 – 10 **Nicolai Siegel** (LMU Munich)
“Why use CRISPR-Cas9 in *T. brucei*?”
 - 10 – 10.30 **Najma Rachidi** (Institut Pasteur)
“Using CRISPR Cas9 to study *Leishmania* biology: advantages and limitations”
 - 10.30 – 11 Coffee Break
 - 11 – 11:45 **Eric Marois** (University of Strasbourg)
“CRISPR-Cas9 mutants and knock-in in *Anopheles gambiae*”
 - 11:45 Closing Remarks