



COLLÈGE
DE FRANCE
1530

Journée François Jacob

Lundi 23 septembre 2019

Amphithéâtre Maurice Halbwachs

- 9h30** Welcome, seminar opening
Edith HEARD, *Collège de France et EMBL, FR*
- 9h40** CRISPR-based gene drive and the risk of contaminating other populations and species
Virginie COURTIER-ORGOGOZO, *Institut Jacques Monod, FR*
- 10h10** Tara Oceans: Eco-Systems Biology at Planetary Scale
Chris BOWLER, *IBENS, École Normale Supérieure, FR*
- 10h40** Break
- 11h** Ocean birds as sentinels of global changes in marine ecosystems
Henri WEIMERSKIRCH, *Centre d'Etudes Biologiques de Chizé, CNRS, FR*
- 11h30** Impact of telomere changes on organismal fitness and adaptation: a coral study across the Pacific
Eric GILSON, *IRCAN, FR*
- 12h** Lunch break
- 14h00** Immune response in *Drosophila*
Bruno LEMAÎTRE, *Global Health Institute, CH*
- 14h30** Papillomaviruses in the cervico-vaginal ecosystem
Samuel ALIZON, *MIVEGEC, CNRS, FR*
- 15h** Mobile DNA drives adaptation and drug resistance in microbial communities
Orsolya BARABAS, *EMBL, DE*
- 15h30** Break
- 16h** Understanding the biological diversity of ecosystems: phylogenetic approaches
Hélène MORLON, *IBENS, École Normale Supérieure, FR*
- 16h30** Biology by the Numbers: A Quantitative View of the Great Human Experiment
Rob PHILLIPS, *California Institute of Technology, USA*
- 17h** Natural products: from biomass to medicine
Raphaël RODRIGUEZ, *Institut Curie, FR, Prix Lacassagne*
- 17h30** Conclusion
Hugues de THÉ, *Collège de France et Hôpital St Louis, FR*