

# International Symposium on Advanced Ecology and Evolution 2019



Date: **July 16** (Tue), 2019

Venue: **Daigaku-Kaikan 3F,**  
Special Conference Room, University of Tsukuba

Admission &  
Registration  
free

## Human Frontier Science Program Awardees

13:05 **Opening remarks: Ryo Miyazaki** (AIST, Japan)

13:10 **Kenneth Welch** (University of Toronto Scarborough, Canada)  
**Energy homeostasis in the smallest, most metabolically active vertebrates**

13:50 **Philipp Engel** (University of Lausanne, Switzerland)  
**Strain-level view on the gut microbiome of social bees**

14:30 **Marianne Elias** (CNRS, France)  
**Evolution of transparent wings in butterflies and moths: how and why?**

*Break*

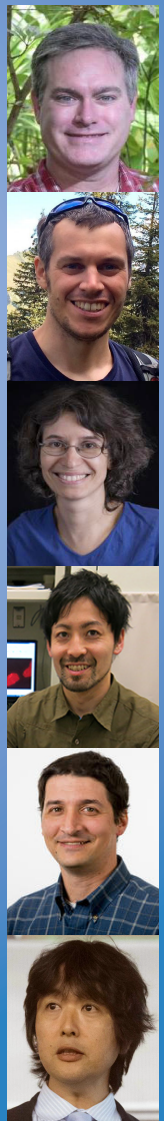
15:30 **Ryo Miyazaki** (AIST, Japan)  
**Dynamics of horizontal gene transfer at the single cell level**

16:10 **Alvaro Sanchez** (Yale University, USA)  
**Genome-wide predictive models of microbial community assembly and evolution**

## Special lecture

16:50 **Takema Fukatsu** (AIST, Japan)  
**Symbiosis, Evolution, and Biodiversity**

17:30 **Closing remarks : Nobuhiko Nomura** (University of Tsukuba)



Access map1



Access map2

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Co-sponsorship: AIST  
Endorsement: TIA

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