



## 12<sup>th</sup> DrosEU Workshop in Belgrade, 13-14 June 2022

### Monday, 13 June 2022

- 09:00** Welcome. *Marina Stamenkovic-Radak*  
Brief introductions. Agenda overview. *Pepi González & Thomas Flatt*
- 09:30** Phenotyping Working Group session I. *Esra Durmaz Mitchell*
- 10:30** **Coffee break**
- 11:00** Phenotyping Working Group session II.
- 12:00** **Lunch break**
- 13:30** Phenotyping Working Group session III.
- 15:00** Short talk (15 min presentation and 5 min questions)  
*Alan Bergland, University of Virginia, USA (online): "Seasonally varying selection drives supergene-based adaptation in overwintering *Drosophila*"*
- 15:30** **Coffee break**
- 16:00** **Short talks by DrosEU guests: (15 min presentation and 5 min questions)**  
*Dragana Protic, University of Belgrade, School of Medicine: "Drosophila as a model for understanding and treatment of Fragile X syndrome".*  
*Slobodan Davidovic, University of Belgrade, IBISS: "Anthropogenic effect on genetic diversity in feral and managed honey bees in Serbian populations".*
- 17:00** Citizen Science Project follow-up. *Pepi González*

### Tuesday, 14 June 2022

- 09:00** Sampling Working Group. *Maaria Kankare (melanogaster), Cristina Vieira (simulans), Marina Stamenković-Radak (obscura group)*
- 10:00** *Drosophila suzukii* project. *Nicolas Rode, CBGP (Biological Center for Population Management, Montpellier, FR).*
- 10:30** **Coffee break**
- 11:00** Short talks by DrosEU members (15 min presentations & 5 min questions)  
*Louise Camus (INRAE, FR): "Predicting the invasive potential of a species with genomic data: a case study on the crop pest *Drosophila suzukii*".*  
*Mathieu Gautier, INRAE, FR (online): "'Fast detection and quantification of contaminant DNA in raw sequence data using k-mer screening: application to presumably *D. suzukii* public sequences"*
- 12:00** **Lunch break**
- 13:30** Short talks by DrosEU members II (15 min presentation and 5 min questions)



*Anna Grandchamp, Institute for Evolution and Biodiversity of Münster, Germany*  
: “De novo gene emergence: A large-scale investigation of the enabling mutations”

*Miriam Merenciano. UCB-1, Lyon. FR.* “Study of sex gap longevity in *Drosophila* species”.

*Michael Ritchie, University of St Andrews, UK (online):* “Looking for evidence of antagonistic selection in a domestic fly population, or, is Kirkpatrick in my kitchen?”

**15:45**            **Coffee break**

**16:00**            The future work of DrosEU. *Pepi González & Thomas Flatt*

General DrosEU business *Pepi González & Thomas Flatt*