

PLATYNEREIS SATELLITE MEETING 2022

Stazione Zoologica Anton Dohrn Napoli (Italy)
Hans von Maree Fresco Room

30 - 31 May, 2022

PROGRAMME

MONDAY, 30 MAY

- 15:00 – 15:15 Welcome address **Detlev Arendt**
- 15:15 – 17:00 Session I **Analyses of the Platynereis genome**
Chair: Detlev Arendt
- 15:15 – 16:00 Keynote lecture **Oleg Simakov**, University of Vienna
“Deeply conserved synteny and the evolution of metazoan chromosomes”
- 16:00 – 16:30 Kevin Nzumbi Mutemi, European Molecular Biology laboratory
“The *Platymereis* genome”
- 16:30 – 17:00 David Ferrier, University of St. Andrews
“The homeobox gene complement in the *Platynereis* genome”
- 17:00 – 17:30 Coffee break
- 17:30 – 19:00 Session II **Advances in building Platynereis resources**
Chair: Phil Oel
- 17:30 – 18:00 Phil Oel, European Molecular Biology Laboratory
“Exploring photoreceptor cell diversity in *Platynereis dumerilii* with scRNAseq”
- 18:00 – 18:30 Sanja Jasek, University of Exeter
“The *Platynereis* connectome”
- 18:30 – 19:00 Sania Jasek / Phil Oel
“Hands-on demo of the *PlatyBrowser* and the *Platynereis* connectome database”
- 19:30 – 21:00 Buffet dinner at the Stazione Zoologica Aquarium

TUESDAY, 31 MAY

- 09:00 – 13:00 Session III ***Platynereis* ecology**
Chair: Jörg Hardege
- 9:00 – 9:30 Victoria Moris, University of Hull, UK

“Finding the receptor of sperm-release pheromone in Platynereis dumerilii to shed light on the impact of ocean acidification on chemical communication in a non- calcifying species”

9:30 – 10:00 Jörg D. Hardege, University of Hull, UK

“Adult marine annelid Platynereis dumerilii chemically stunt the growth of juveniles”

10:00 – 10:30 Liz Williams, University of Exeter

“Larval settlement ecology in Platynereis”

10:30 – 11:00 Irene Arnoldi, University of Milan

“Changes in microbiota composition of polychaetes collected from carbon dioxide vents of Ischia (Italy)”

11:00 – 11:30 Coffee break

11:30 – 12:00 Tobias Gerber, European Molecular Biology Laboratory

“Sampling Platynereis on the TREC expedition”

12:00 – 12:30 Brainstorming on collaborative TREC projects

12:30 – 13:00 Session IV **Platynereis regeneration**

12:30 – 13:00 Eve Gazave, Institut Jacques Monod

“Regeneration processes in the annelid Platynereis”

MISCELLANEOUS

How to reach us: <https://www.szn.it/index.php/en/how-to-reach-us>

Please allow at least 5 min for questions

Wifi network: SZN-WiFi **WiFi password:** SZN_1872

Covid-19: Access with surgical or FFP2 masks