



A.G.I.

Associazione Genetica Italiana

AGI - Associazione Genetica Italiana

Celebrating 60 years of the Italian Association of Genetics

7-9 September 2017, Cortona (Arezzo, Italy)

Congress Programme

7 September

- 12.00-14.00 **Registration and Poster Display**
- 14.00 Welcome Address
Ileana Ferrero and Rodolfo Costa
- 14.15-15.05 **LECTURE: Regulation of cytokinesis by mitotic kinases**
(Chair: Silvia Bonaccorsi)
Pier Paolo Davino, University of Cambridge, UK
- 15.05-16:35 **Mini SYMPOSIUM I: Transgenerational epigenetic inheritance: myth or reality?**
(Chair: Patrizio Dimitri)
- Intergenerational inheritance in *Drosophila* female germline**
Gunter Reuter, Martin-Luther University, Halle, Germany
- LINE-1-encoded Reverse Transcriptase mediates transgenerational inheritance**
Corrado Spadafora, IFT-CNR, Cagliari
- 16:35-17:00 coffee break
- 17:00-17.45 poster presentation (30-35 presentations - 1 min per poster)
- 17.45-19:45 AGI and Ferruccio Ritossa PhD Awards. AGI Society Meeting

Welcome Party

8 September

- 9.00-10.30 **Mini SYMPOSIUM II: Genetics of neurodegenerative diseases**
(Chair: Enza Maria Valente)
- Pathways to neuroprotection: the eclectic role of PINK1**
Enza Maria Valente, University of Pavia
- Yeast model of mitochondrial involvement of A β amyloidotic neurodegeneration**
Cristina Dallabona, University of Parma
- 10.30-10.50 coffee break
- 10.50-12.20 **Mini SYMPOSIUM III: The clocks of life**
(Chair: Rodolfo Costa)
- Molecular basis of circadian clocks in mammals**
Achim Kramer, Charité - Universitätsmedizin Berlin, Germany
- Unexpected features of the circadian clock in *Drosophila***
Ezio Rosato, University of Leicester, UK
- 12.20-13.10 **LECTURE: Think globally, act locally: facing the data deluge in biological sciences**
(Chair: Massimo Zollo)
Ferdinando Di Cunto, University of Torino
- 13.10-14.45: lunch

14.45-17.00

Mini SYMPOSIUM IV: The Genetics of taste
(Chairs: Nadia Ranzani and Roberto Barale)

Evolution and variability of taste genes
Davide Riso, University of Washington, Seattle, USA

The genetics of food preferences
Nicola Pirastu, University of Edinburgh, UK

Extraoral expression and function of taste genes
Daniele Campa, University of Pisa

17:00-17:40

coffee break and poster viewing

17:45-19:15

Mini SYMPOSIUM V: Applied population genetics
(Chair: Andrea Novelletto)

Phylogeography of roe and red deer: focus on Italy as a hotspot of diversity
Rita Lorenzini, Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana

Microsatellites in toads and whole genomes in bears: two examples to describe the transition from conservation genetics to conservation genomics
Giorgio Bertorelle, University of Ferrara

Forensic genetics beyond humans: applications to crimes against animals
Luisa Garofalo, Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana

20.00

Cena sociale

9 September

Joint Meeting AGI-AAI (Associazione Antropologica Italiana)

09:30-13:30

Symposium: Human Migration
(Chairs: David Caramelli and Antonio Torroni)

09:30-10:10

Out-of-anywhere. The evolution of the genus *Homo* as a succession of geographical dispersals
Giorgio Manzi, University of Roma "La Sapienza"

10:10-10:50

Migration and admixture in the Neolithic of Southeastern Europe
Iain Mathieson, University of Pennsylvania, USA

10:50-11:20

coffee break

11:20-12:20

The Anthropology of Microbes
Christina Warinner, Max Planck Institute for the Science of Human History Jena, Germany

12:20-12:40

Following human expansions in East Asia and the Americas through *Helicobacter pylori*
Silvia Ghirotto, Università of Ferrara

12:40-13:00

The tell-tale genome
Luca Pagani, University of Padova

Closing Remarks