



## JOINT MEETING AGI-SIMA

Cortona, 28-30 *September* 2015, Centro Convegni S. Agostino, via Guelfa 40

### *28 September*

13.00-14.00 Registration and Poster Display

14.00-14.15 Welcome Addresses  
Margherita Bignami and Rodolfo Costa

14.15-15.00 \***O.G.M., opere geneticamente modificate**: mostra delle sculture di Ferruccio Ritossa. Introduzione e presentazione di Lucio Luzzatto (Scientific Director, Istituto Toscano Tumori and Honorary Professor of Haematology, University of Firenze) e Maria Furia (University of Napoli).

15.00-16.20 **LECTURE: 150 anni delle leggi di Mendel** (Chair: Rodolfo Costa)  
Bernardino Fantini (Emeritus Professor of the History of medicine, University of Geneva, Switzerland) e Telmo Pievani (University of Padova)  
(Iniziativa aperta a tutta la città di Cortona)

16.30-17.30 **LECTURE: Causes of Cancer and Chance Events in Oncogenesis**  
(Chair: Margherita Bignami)  
Lucio Luzzatto (Scientific Director, Istituto Toscano Tumori and Honorary Professor of Haematology, University of Firenze)

17.40-19.00 **Mini SYMPOSIUM I: Epigenetic changes** (Chair: Maria Pia Bozzetti, University of Salento, Lecce)

**Epigenetic modifications involved in stem cell pluripotency and lineage commitment.** Salvatore Oliviero (University of Torino)

**DNA damage response during cell differentiation.** Eugenia Dogliotti (Istituto Superiore di Sanità, Roma)

### WELCOME PARTY

\* La mostra è sponsorizzata dalla Fondazione Adriano Buzzati-Traverso e dall'Associazione Genetica Italiana.

## **29 September**

- 9.00-10.20 **Mini SYMPOSIUM II: Cell signaling and proliferation** (Chair: Alberto Inga, University of Trento)
- ATM kinase modulates HER2 tumorigenicity.** Daniela Barilà (University of Roma – Tor Vergata)
- RTKs signaling: new functional approaches to genetically dissect the tumor landscape.** Silvia Giordano (University of Torino)
- 10.20-10.40 coffee break
- 10.40-12.00 **Mini SYMPOSIUM III: Genome instability** (Chair: Antonio Antocchia, University of RomaTre)
- Telomere instability in natural and premature aging.** Isabella Saggio (University of Roma - La Sapienza)
- Nijmegen breakage syndrome gene, NBS1, and molecular links to factors for genome stability.** Alessandra Di Masi (University of RomaTre)
- 12.00-12.45 poster presentation (1 min per poster – Thematic Sections A, B, C and E)
- 12.45-13.30 **LECTURE: Organization and evolution of primate genomes.**  
(Chair: Guido Barbujani, University of Ferrara)  
Mario Ventura (University of Bari)
- 13.30-14.30 lunch
- 14.30-15.50 **Mini SYMPOSIUM IV: Mutations: pros and cons** (Chair: Antonella Russo, University of Padova)
- Somatic hypermutations (AID/APOBEC).** Silvestro Conticello (Istituto Toscano Tumori – Firenze)
- Germline mutations.** Francesca Pacchierotti (ENEA, Roma)
- 15.50-16.20 **AGI/SIMA short talks from abstracts** (2 x 15 min)
- 16.20-17.30 poster presentation (1 min per poster – Thematic Sections D, F, G and H)
- 17.30-18.30 coffee break and POSTER VIEWING
- 18.30 AGI/SIMA Society Meetings
- 20.00 AGI/SIMA Social Dinner

## **30 September**

- 9.00-10.20 **Mini SYMPOSIUM V: Ageing** (Chair: Giuseppe Passarino, University of Calabria, Rende)  
**Ageing genetics and longevity in humans.** Alberto Montesanto (University of Calabria, Rende)  
**Tricothiodystrophy as a model of premature aging.** Donata Orioli (CNR, Pavia)
- 10.20-10.50 coffee break
- 10.50-12.15 **INTEGRATED LECTURES** (Chair: Alessandra Pollice, University of Napoli)  
**Systems biology of host-microbiota interactions.** Duccio Cavalieri (Fondazione Edmund Mach, San Michele all'Adige)  
**Friends with benefits: Microbes, stress and social behaviour.** Roman M. Stilling (Cork University, Ireland)
- 12.15-12.45 Poster Awards AGI/SIMA (brief presentations - 15 minutes)  
Conferment to Mario Polsinelli of the Mortimer prize assigned during the ICYGMB 2015 conference
- 12.45-13.45 lunch
- 13.45-16.00 **SYMPOSIUM: Mitochondria in evolution and disease** (Chair: Antonio Torroni, University of Pavia)  
**Identification and Characterization of New Mitochondrial Disease Genes.** Massimo Zeviani (Director, MRC Mitochondrial Biology Unit, Cambridge, UK)  
**Mitochondrial Genome Variation: a Female Perspective in Evolution.** Alessandro Achilli (University of Perugia)
- 15.15-16.00 **The role of mitochondrial dysfunction in Cockayne syndrome.** Maria Rosaria D'Errico (Istituto Superiore di Sanità, Roma)

## **Closing Remarks**