

JOINT MEETING AGI – SIMAG
26-28 September 2019
Cortona (Arezzo, Italy)

Congress Programme

Sponsored by



genes

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Congress Programme

26 September

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| 12.00-14.00 | Registration and Poster display |
| 14.00-14.15 | Welcome Address Antonio Antoccia & Antonio Torroni |
| 14.15-15.05 | LECTURE: Genes, peoples and languages, twenty years later Guido Barbujani, University of Ferrara (Ferrara, Italy) (Chair: Antonio Torroni) |
| 15.05-16.35 | Mini SYMPOSIUM I: Genome instability (Chairs: Alberto Inga & Grazia Daniela Raffa) Structural plasticity of the human genome in disease and evolution Francesca Antonacci, University of Bari (Bari, Italy) Structural analysis of mammalian telomere replication Ylli Dokساني, IFOM (Milan, Italy) How do cells count centrosomes? Luca Fava, University of Trento (Trento, Italy) |
| 16.35-17.00 | Coffee break |
| 17.00-17.45 | Poster presentation (1 min per poster) |
| 17.45-19.45 | AGI and Ferruccio Ritossa PhD Awards. AGI Society Meeting SIMAG Best PhD Thesis Award. SIMAG Society Meeting |
| 20.00 | Welcome party |

27 September

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| 9.00-10.30 | Mini SYMPOSIUM II: Diversity and evolution of crop genomes (Chairs: Matteo dell'Acqua & Federico Martinelli) Reference-quality assemblies for complex genomes Massimo Delledonne, University of Verona (Verona, Italy) Genetic, epigenetic and structural factors affecting regulatory variation in grapevine Michele Morgante, University of Udine (Udine, Italy) Beans (<i>Phaseolus ssp.</i>) as a model for understanding crop evolution Roberto Papa, Marche Polytechnic University (Ancona, Italy) |
| 10.30-10.50 | Coffee break |

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| 10.50-12.20 | Mini SYMPOSIUM III: Systems biology: modeling genetic programs (Chairs: Marco Fondi & Gabriele Sales) The role of microRNA-mediated circuits in the control of gene expression fluctuations Michele Caselle, University of Turin (Turin, Italy) The metabolic landscape of antibiotic modes of action Mattia Zampieri, ETH Zurich (Zurich, Switzerland) Contextualization of molecular network models and their applications to cancer biology Thomas Sauter, University of Luxembourg (Belvaux, Luxembourg) |
| 12.20-13.10 | LECTURE: "Tumors as wounds that never heal": insights from YAP/TAZ biology Stefano Piccolo, University of Padua (Padua, Italy) (Chair: Rodolfo Costa) |
| 13.10-14.45 | Lunch |
| 14.45-16.15 | Mini SYMPOSIUM IV: Genetic control of pest insects (Chair: Angela Meccariello) Genetics of sex determination in insects Daniel Bopp, University of Zurich (Zurich, Switzerland) Population genome editing for malaria vector control Andrea Crisanti, Imperial College London (London, UK) |
| 16.15-17.15 | Coffee break and Poster viewing |
| 17.15-18.45 | Mini SYMPOSIUM V: Genetics and epigenetics of solid tumors (Chairs: Daniele Campa & Giorgio Milazzo) Polygenic and multifactorial risk scores in cancer prediction Federico Canzian, German Cancer Research Center (Heidelberg, Germany) Mining cancer transcriptomes to uncover novel long non-coding RNA biomarkers and targets for therapy Pieter Mestdagh, University of Ghent (Ghent, Belgium) Methylation in solid tumors Laura Baglietto, University of Pisa (Pisa, Italy) |
| 18.45-18.55 | Genes-MDPI presentation - Marcos Arranz |
| 18.55-19.00 | AGI and SIMAG Poster Awards sponsored by Genes |
| 20.00 | Social dinner |

28 September

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| 9.00-9.50 | LECTURE: CRISPR/CAS9 and beyond: lights and shadows of a genetic revolution Giovanni Perini, University of Bologna (Bologna, Italy) (Chair: G. Nadia Ranzani) |
| 9.50-11.20 | Mini SYMPOSIUM VI: The microbiome as third genome (Chairs: Duccio Cavalieri & Alessio Mengoni) The human microbiome and metagenomics: what's next Nicola Segata, University of Trento (Trento, Italy) Interactions between genome and microbiome along human lifespan Elena Biagi, University of Bologna (Bologna, Italy) The holobiont theory of evolution: Darwin in the microbiome era Duccio Cavalieri, University of Florence (Florence, Italy) |
| 11.20-11.50 | Coffee break |
| 11.50-12.40 | LECTURE: From genetics to cancer and cancer care: lessons learned from "DNA repair syndromes" Filippo Rosselli, Institute Gustave Roussy (Villejuif, France) (Chair: Antonio Antoccia) |
| 12.40-13.00 | Closing remarks |