



# XVI FISV Congress

## 3R: Research, Resilience, Reprise

Reggia di Portici (Naples), Italy  
14-16 September 2022

# Programme

**WED**  
**14 SEP**

**THU**  
**15 SEP**

**FRI**  
**16 SEP**

**LIST OF  
POSTERS**

8:45-9:45

**FEBS National Lecture** [Galoppatoio]

*Chairs: Paola Chiarugi (Florence) and Martino Bolognesi (Milan)*

**Carlo Catapano** (*Institute of Oncology Research, Università della Svizzera italiana, Bellinzona, Switzerland*)

Mitochondrial plasticity and stemness in human cancers



9:45-10:00

**Sequentia presentation** [Galoppatoio]

10:00-10:30

*Coffee Break* [first courtyard]

10:30-13:30

**6 Parallel Mini Symposia**

**MS1**

**MS2**

**MS3**

**MS4**

**MS5**

**MS6**

**2. Genetics, Epigenetics and Chromosome Biology** [Room 7]

*Chairs: Domenico Carputo (SIGA), Gianni Cenci (AGI), Tiziana Bonaldi (SIBBM), Fulvio Chiacchiera (SIBBM)*

**Giovanni Messina** (*Rome*)

Evolutionary conserved relocation of chromatin remodeling complexes to the mitotic apparatus: a new class of moonlighting proteins preventing genetic instability

**Fulvio Chiacchiera** (*Trento*)

ARID1A preserves tissue homeostasis by preventing genomic instability and chronic inflammation

ari)

Recovery of the correct balance of EZH2 and EZH1 proteins as a new strategy for the treatment of rhabdomyosarcoma

**Liliana Tullo** (*Rome*)

Assessing an unprecedented role for Heterochromatin Protein 1a (HP1a) at mitochondria

**Romina Burla** (*Rome*)

The nuclear envelope-associated ESCRT factor CHMP7 is needed for telomere integrity

**Francesca Gorini** (*Naples*)

8-oxodG accumulation within super-enhancers marks fragile CTCF-mediated chromatin loops

**Tiziana Angrisano** (*Naples*)

Retinoic Acid promotes a totipotent-like stem cell through *Zscan4* epigenetic activation

**Vittoria Brambilla** (*Milan*)

Molecular control of flowering in rice

**Sebastiano Giallongo** (*Catania*)

Lactate rewires uveal melanoma metabolic profile promoting cellular quiescence

**Armando Di Palo** (*Caserta*)

The long non-coding RNA SPACA6-AS1, miR-125a and its mRNA targets establish a novel ceRNA regulatory network in hepatocarcinoma cells

**Cinzia Calvio** (*Pavia*)

The power of SwrA: from a minor protein to a game changer in *B. subtilis* biofilms

13:30-14:30

*Lunch Break* [first courtyard]

**4a. Insights into insect biology to control pathogen vectors and agricultural pests**

[Galoppatoio]

*Chairs: Guido Favia (Camerino) and Laura Rinaldi (Naples)*

**Guido Favia** (Camerino, Italy)

Microbial symbiosis in insect vectors and insect pests

**Paolo Gabrieli** (Milan)

Digging into the biology of mosquito reproduction to design novel control tools

**Francesco Pennacchio** (Naples)

Insect multitrophic interactions for bioinspired plant protection

**4b. Spatial profile of gene expression** [Room 1]

*Chair: Lucia Altucci (Naples) and Massimiliano Corsi Romanelli (Milan)*

**Raffaele Calogero** (Turin)

Single cell omics integration with spatial transcriptomics

**Tiziana Bonaldi** (Milan)

Unravelling non-genetic inter- and intratumor (epigenetic) heterogeneity by spatial tissue proteomics

**Francesca Ciccarelli** (London, UK)

Unravelling the dynamic interplay between genetics and immunity in driving cancer evolution

16:00

**Conclusion and Prizes** [Galoppatoio]

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