

PhD School of Biology and Molecular Medicine
is proud to present:

XI EDITION

BeMM Symposium

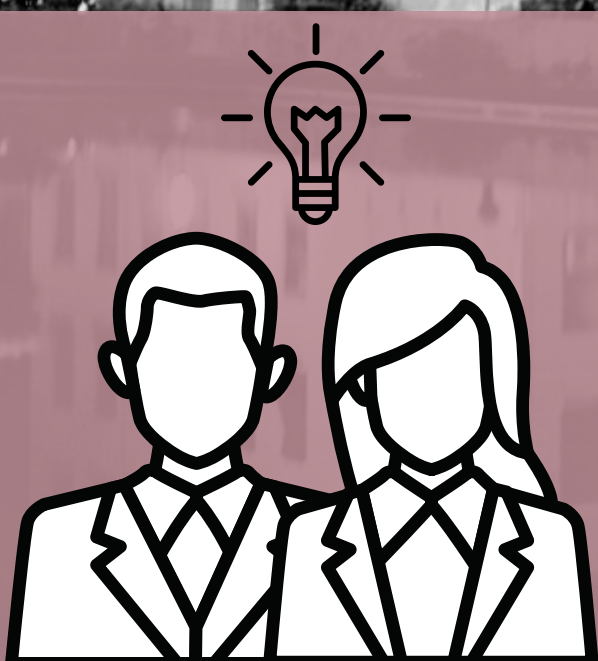
in cooperation with



SAPIENZA
UNIVERSITÀ DI ROMA



ISTITUTO SUPERIORE DI SANITÀ



**2024 30th
Sept**

Sapienza University of Rome

Aula GERIN

Istituto di Medicina legale
Viale Regina Elena 336

SCIENTIFIC COORDINATOR

Stefano D'Amelio

Dip. di Sanità pubblica e malattie infettive

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30th September 2024, 9:00 am

Aula Cesare Gerin

Sapienza, University of Rome

Viale Regina Elena, 336

8.30-9.00

Registration

9.00-9.30

Institutional Welcome

Prof. Stefano D'Amelio (Director BeMM School)

Prof. Riccardo Faccini (Department head SMFN)

Prof. Paolo Villari (Department head Farmacia e Medicina)

Prof. Domenico Alvaro (Department head Medicina e Odontoiatria)

1st Session: POST-DOC FUTURE PERSPECTIVES

Chair: *Francesca Prestia – Vito Antonio Amico*

9.30-10.00

Academic perspectives: Prof. Giuliano Volpe

(University of Bari, ex Dean University of Foggia)

Title: *Le vite degli altri. L'archeologia tra interpretazione del passato e impegno nel presente*

10.00-10.30

Companies and start-ups perspectives:

PhD Ortensia Ilaria Parisi

(spin off Macrofarm, University of Calabria)

Title: *From Scientific Research to Spin-Off Development: the Journey of Technology Transfer*

10.30-11.00

Companies and start-ups perspectives:

Prof. Davide Cacchiarelli (NEGEDIA, Telethon)

Title: *Integrative Genomics to dissect Biology and Disease*

11.00-11.30

COFFEE BREAK

2nd Session: PARASITOLOGY AND IMMUNOLOGY
Chair: *Maria Greta Dipaola – Eeva Tortellini*

11.30-12.00	Prof. Cinzia Cantacessi (University of Cambridge) Title: <i>Antimicrobial peptides in helminth secretions – a gold mine for new antibiotics and anthelmintics?</i>
12.00-12.15	Carlo Maria De Marco (PhD in Advances in infectious diseases, microbiology, legal medicine and public health sciences) Title: <i>Speciation in Afrotropical Malaria vectors: high-throughput whole genome sequencing reveals evidence of a putative new cryptic taxon in ‘far-west’ Africa</i>
12.15-12.30	Matteo Fracella (PhD in Experimental Medicine) Title: <i>Role of the innate immune response in the persistence of human papillomavirus mucosal infections</i>
12.30-12.45	Kamila Julia Kroll (PhD in Life Sciences) Title: <i>ERAP1 controls NK cell responses by regulating peptide-dependent interactions between HLA class I and NK cell inhibitory receptors in hematological malignancies</i>
12.45-13.00	Lorenzo Lucantonio (PhD in Innovation in immuno-mediated and hematological disorders) Title: <i>An organoid-based model to study innate lymphoid cells in colorectal cancer</i>

13.00-14.00 LUNCH

14.00-15.00 POSTER SESSION PhD STUDENTS

3rd Session: GENETICS AND MOLECULAR BIOLOGY
Chair: *Vittorio Padovano – Angela Asquino*

15.00-15.30	Prof. Irene Bozzoni (Sapienza, Department of Biology and Biotechnology Charles Darwin) Title: <i>Revisiting gene regulatory processes from an RNA-centric perspective</i>
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15.30-15.45	Martina Marcotulli (PhD in Biochemistry) Title: <i>Development of a low-intensity pulsed ultrasound (LIPUS) print-head to drive the differentiation of 3D bioprinted skeletal stem cells</i>
15.45-16.00	Ludovica Altieri (PhD in Genetics and Molecular Biology): Title: <i>The mitotic protein CENP-F is functionally repurposed during neurodifferentiation</i>
16.00-16.30	COFFEE BREAK
4th Session: GENE EDITING AND CANCER Chair: Eleonora D’Intino – Tuba Rana Caglar	
16.30-17.00	PhD Daniela Di Girolamo (CEINGE Napoli) Title: <i>Using genome editing to resolve skin erosion in AEC syndrome</i>
17.00-17.15	Giada Del Baldo (PhD in Network Oncology and Precision Medicine): Title: <i>GD2 CAR T-cell therapy for patients affected by GD2 positive medulloblastoma: potential efficacy and feasibility of a phase I/II clinical trial</i>
17.15-17.30	Michele D’Ambrosio (PhD in Pharmaceutical Sciences) Title: <i>New tubulin polymerization inhibitors as ferroptosis inducers to treat cancer</i>
17.30-17.45	Gaia Fattorini (PhD in Cell and Developmental Biology) Title: <i>Imaging-based methods to identify prognostic and predictive biomarkers for Hereditary Spastic Paraplegia</i>
17.45-18.00	Francesco Marocco (PhD in Human Biology and Medical Genetics) Title: <i>The RNA-binding protein PCBP2 is a regulator of microRNAs partition between cell and extracellular vesicles</i>
18.00-18.15	Martina Palazzoli (Phd in Morphogenesis and Tissue Engineering) Title: <i>Distribution of the spermatogonial subpopulations during the stage of the epithelial cycle</i>
18.15-18.30	CONCLUDING REMARKS