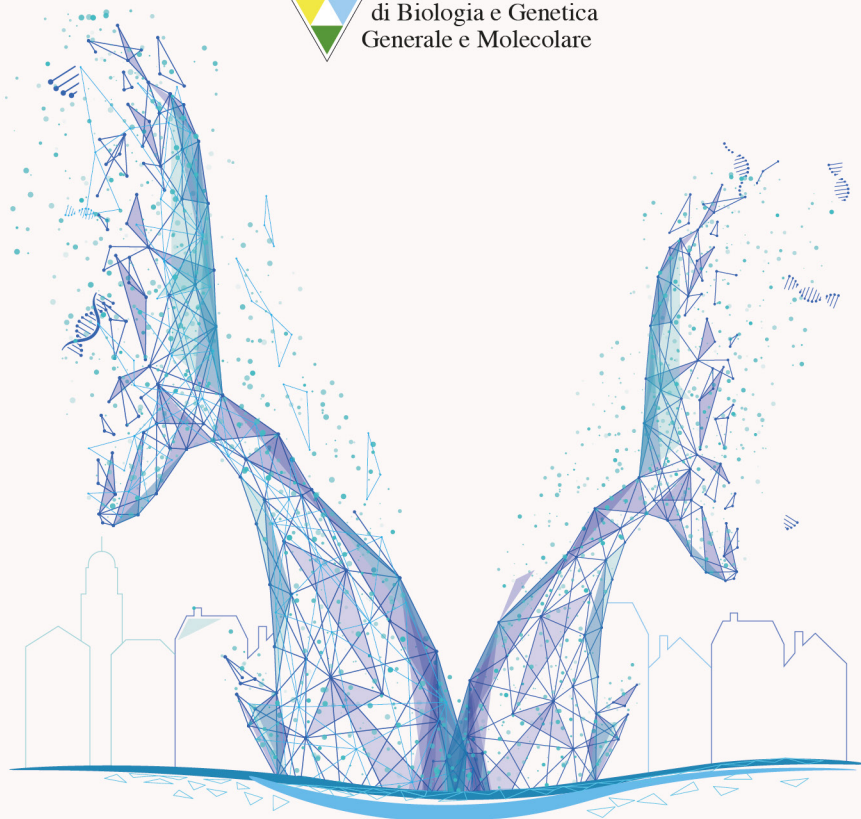




Associazione Italiana
di Biologia e Genetica
Generale e Molecolare



XXIV CONGRESSO NAZIONALE AIBG

22|23|24
OTTOBRE 2026

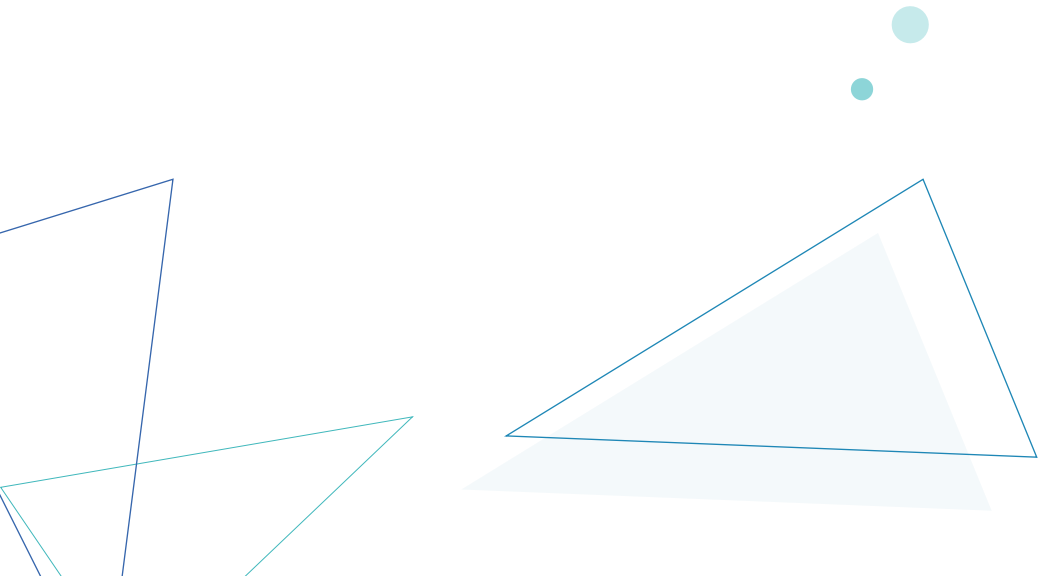
CAMOGLI, CENOBIO DEI DOGI

Con il Patrocinio di



	GIOVEDÌ 22 OTTOBRE
12:00 13:00	Registrazione e <i>Welcome Coffee</i>
13:00 13:30	Saluti di benvenuto e delle autorità
13:30 14:15	<i>Lettura magistrale</i> Modeling human Huntington Disease: a single-cell journey through development, dysfunction and repair Elena Cattaneo
14:15 15:30	SESSIONE 1 Controllo della proliferazione cellulare e del differenziamento
15:30 16:30	<i>Coffee Break e Poster Session 1</i>
16:30 18:00	SESSIONE 1 Controllo della proliferazione cellulare e del differenziamento
20:00	Serata libera

	VENERDÌ 23 OTTOBRE		SABATO 24 OTTOBRE
08:30 11:15	SESSIONE 2 Meccanismi di difesa cellulare e risposte cellulari allo stress	09:00 11:30	SESSIONE 5 Biogenesi, funzioni e alterazioni di organelli e strutture cellulari ed extracellulari
11:15 11:45	Coffee Break e Poster Session 1	11:30 12:00	Coffee Break e Poster Session 2
11:45 13:20	SESSIONE 3 Genomica strutturale e funzionale	12:00	Assegnazione premi Tarone e borse congressuali
13:20 14:45	Lunch e Poster Change	12:20	Chiusura congresso
14:45 16:00	SESSIONE 4 Epigenetica e regolazione dell'espressione genica		
16:00 17:00	Coffee Break e Poster Session 2		
17:00	Assemblea dei Soci		
20:00	Get Together Party		



GIOVEDÌ 22 OTTOBRE 2026

12:00 Registrazione e *Welcome Coffee*

13:00 Saluti di benvenuto e delle autorità

Antonio Uccelli *Rettore eletto, Università degli Studi di Genova, Direttore della UOC Laboratorio di Neuroscienze Sperimentali, AOM IRCCS Ospedale Policlinico San Martino, Genova*

Monica Calamai *Direttore Generale, Azienda Ospedaliera Metropolitana (AOM), Genova*

13:30 *Lettura Magistrale* | Modeling human Huntington Disease: a single-cell journey through development, dysfunction and repair
Elena Cattaneo *Università degli Studi di Milano*

SESSIONE 1

Controllo della proliferazione cellulare e del differenziamento

Moderatori: Alessandro Barbon *Università degli Studi di Brescia*

Maria Grazia Romanelli *Università degli Studi di Verona*

14:15 Integrative Computational, Network, and Experimental Analysis Reveals Retinal Ganglion Cell Laterality Programs Across Development
Ugo Ala *Università di Torino*

14:30 Functional Characterization of NKTR Reveals a Hidden Spliceosomal Role in Neural Crest Cell Biology and Neurodevelopment
Anna Cariboni *Università degli Studi di Milano*

14:45 Overactivation of stress-adaptive signaling exposes ferroptosis vulnerability in melanoma
Mara Gagliardi *Università del Piemonte Orientale, Novara*

15:00 Pharmacological inhibition of HUNK impairs gastric cancer growth and enhances chemotherapy response
Pellegrino Mazzone *Università degli Studi dell'Aquila*

15:15 Discussione

15:30 *Coffee Break* e **Poster Session 1**

TOPICS

- Meccanismi di difesa cellulare e risposte cellulari allo stress
- Epigenetica e regolazione dell'espressione genica - 1

16:30 Mutation acquisition order impacts neoplastic clones' fitness under the selective pressure of JAK inhibitors in myelofibrosis
Sebastiano Rontautoli *Università di Modena e Reggio Emilia*

16:45 Rebalancing osteoblast-osteoclast crosstalk by targeting osteoclast dysfunction in FGFR2-related syndromic craniosynostosis
Alessia Vita *Università Cattolica del Sacro Cuore, Roma*

17:00 Airway epithelial stem cell renewal and differentiation: overcoming challenging steps towards clinical-grade tissue engineering
Davide Adamo *Università di Modena e Reggio Emilia* *Premio Tarone under 35*

17:20 Breaking Tumor Identity: BAG6-SUN2 Control of Mechanotransduction Drives Neural-to-Myogenic Reprogramming in Medulloblastoma
Elena Mariotto *Università degli Studi di Padova* *Premio Tarone under 45*

17:40 Discussione

18:00 Chiusura della giornata



VENERDÌ 23 OTTOBRE 2026

SESSIONE 2

Meccanismi di difesa cellulare e risposte cellulari allo stress

Moderatori: **Daniela Caporossi** *Università degli Studi di Roma*

Tommaso Colangelo *Università degli Studi di Foggia*

- 08:30** Dissecting the Role of STING in Macrophage Polarization and Inflammatory Signaling
Carmen Caiazza *Università degli Studi di Napoli Federico II*
- 08:45** Antioxidant treatment attenuates ROS-driven fibrosis and hepatocyte ballooning induced by the MASLD-associated ATG7 p.V471A variant
Alessandra Cazzaniga *Università degli Studi di Milano*
- 09:00** Targeting VCP to rescue C9ORF72-associated disease
Veronica Ferrari *Università degli Studi di Milano*
- 09:15** Multiple Myeloma-Derived Extracellular Vesicles Modulate Macrophage Immunosuppressive Phenotype Associated with PD-L1 Expression
Martina Marfia *Università degli Studi di Palermo*
- 09:30** Renal lipid dysmetabolism and mitochondrial dysfunction in diabetic kidney disease: a new mechanism of renal damage in Type 2 diabetes?
Paola Pontrelli *Università degli Studi di Bari Aldo Moro*
- 09:45** Nuclear localization of Glyoxalase 2 and its possible role as survival factor in human MCF7 breast cancer cells
Brenda Romaldi *Università Politecnica delle Marche, Ancona*
- 10:00** Nanoceria as a multifunctional strategy for early diabetic cardiomyopathy
Roberta Ruotolo *Università degli Studi di Parma*
- 10:15** p140Cap enhances breast cancer chemosensitivity by limiting an ABCC1 enriched stem-like compartment via β -Catenin inhibition
Vincenzo Salemme *Università di Torino*
- 10:30** KRIT1 responds to PIEZO1-mediated mechanotransduction in human cerebral microvascular endothelial cells
Concetta Scimone *Università degli Studi di Messina*
- 10:45** Discussione

11:15 *Coffee Break* e **Poster Session 1**

TOPICS

- Meccanismi di difesa cellulare e risposte cellulari allo stress
- Epigenetica e regolazione dell'espressione genica - 1

SESSIONE 3

Genomica strutturale e funzionale

Moderatori: **Carla Olivieri** *Università degli Studi di Pavia*

Patrizia Zavattari *Università degli Studi di Cagliari*

- 11:45** Leukocyte telomere shortening reflects disease duration and accelerated biological aging in Parkinson's disease
Federica Etzi *Università degli Studi di Cagliari*



- 12:00** Identification and functional characterization of a novel CDKN2A distant regulatory region
Lorenza Pastorino *Università degli Studi di Genova*
- 12:15** Deletions of human chromosome 21 regions in cell lines with trisomy 21 and analyses of their effects on cell behavior
Beatrice Vione *Alma Mater Studiorum - Università di Bologna*
- 12:30** Toward Synthetic Human Genomes: High-Fidelity Chromosome Transplantation
Gianluca Petris *Università degli Studi di Udine* *Premio Tarone under 45*
- 12:50** Discussione

- 13:05** Methylation-Specific ddPCR: elevata accuratezza e sensibilità per lo studio di meccanismi epigenetici
Francesca Dionisio, *Bio-Rad Laboratories*

- 13:20** *Lunch* e **Poster change**

SESSIONE 4

Epigenetica e regolazione dell'espressione genica

Moderatori: Claudio Brancolini *Università degli Studi di Udine*

Marco Ragusa *Università degli Studi di Catania*

- 14:45** The Epigenetic Landscape Of Sperm Survival: CircRNAs As Molecular Switches In Obesity-Induced Apoptosis
Antonella Migliaccio *Università degli Studi della Campania "Luigi Vanvitelli", Napoli*
- 15:00** Exploring the role of signaling fine tuning in the regulation of organism lifespan
Francesco Napoletano *Università degli Studi di Trieste*
- 15:15** Inflammation-related miRNA dysregulation in pleural mesothelioma identifies hsa-miR-9-5p as a potential biomarker and regulator of tumor progression
Giulia Tonnini *Università Degli Studi Di Ferrara*
- 15:30** A delayed translocation into the endoplasmic reticulum controls the post-translational modifications of PD-L1
Fulvia Vitale *Università degli Studi di Napoli Federico II*
- 15:45** Discussione

- 16:00** *Coffee Break* e **Poster Session 2**

TOPICS

- Epigenetica e regolazione dell'espressione genica - 2
- Controllo della proliferazione cellulare e del differenziamento
- Genomica strutturale e funzionale
- Biogenesi, funzioni e alterazioni di organelli e strutture cellulari ed extracellulari

- 17:00** Assemblea dei soci

- 20:00** *Get Together Party*



SABATO 24 OTTOBRE 2026

SESSIONE 5

Biogenesi, funzioni e alterazioni di organelli e strutture cellulari ed extracellulari

Moderatori: **Paolo Remondelli** *Università degli Studi di Salerno*

Sara Sigismund *Università degli Studi di Milano*

- 09:00** Exercise-Induced Skeletal Muscle Extracellular Vesicles Contribute to Motor Unit Protection in ALS
Gianmarco Fenili *Università degli Studi di Roma*
- 09:15** FABP5 regulates lipid accumulation and mitochondrial morphology in thyroid cancer cells
Raffaella Gallo *Università degli Studi "Magna Graecia" di Catanzaro*
- 09:30** Implications of Impaired Mitochondria-Lysosome Crosstalk in Cancer Progression
Giulia Girolimetti *Università del Salento, Lecce*
- 09:45** Collagen VI shapes the metabolic and phenotypic architecture of Glioblastoma stem cell niches
Luca Persano *Università degli Studi di Padova*
- 10:00** Extracellular Regulation of Vascular Homeostasis: Insights from a Zebrafish Model of ADAMTS13 Deficiency
Lucia Poggi *Università di Trento*
- 10:15** Disruption of thrombospondin 1/2-integrin $\beta 1$ axis impairs cell adhesion and tumor growth in intrahepatic cholangiocarcinoma
Veronica Porreca *Università degli Studi di Roma*
- 10:30** Analysis of Primary Cilium-Bearing Human Neuroprogenitors Using Flow Cytometry
Virginie Sottile *Università degli Studi di Pavia*
- 10:45** CYFIP1 governs the development of cortical axons by modulating calcium availability
Carlotta Ricci *Università degli Studi di Roma* *Premio Tarone under 35*
- 11:05** Discussione
- 11:30** *Coffee Break* e **Poster Session 2**
- TOPICS**
- Epigenetica e regolazione dell'espressione genica - 2
 - Controllo della proliferazione cellulare e del differenziamento
 - Genomica strutturale e funzionale
 - Biogenesi, funzioni e alterazioni di organelli e strutture cellulari ed extracellulari
- 12:00** Assegnazione premi Tarone e borse congressuali
- 12:20** Take home message e chiusura dei lavori



POSTER SESSION 1

22 ottobre 15:30 - 16:30 / 23 ottobre 11:15 - 11:45

Epigenetica e regolazione dell'espressione genica - 1

- **EPI 01** | In Vivo Role of Clockb Histone Acetyltransferase Activity in Zebrafish Homeostasis and Endocrine Signaling **Concetta Ambrosino**
- **EPI 02** | ADAR Therapy as a new tool against neurodegenerative disorders **Alessandro Barbon**
- **EPI 03** | A 4-Week Brisk Walking Intervention Reduces miR-223-3p in Serum and EVs and Modulates Adipogenic Markers in Women **Michele Braggio**
- **EPI 04** | Genome wide DNA methylation study in an Amyotrophic Lateral Sclerosis cohort from Sulcis Iglesiente, a historic mining area of Sardinia **Silvia Cossu**
- **EPI 05** | A novel RNA therapeutic platform for retinitis pigmentosa **Stefano Espinoza**
- **EPI 06** | BDNF Val66Met Polymorphism Moderates the Long-Term Neurobiological Consequences of Adolescent JWH-018 Exposure **Alessandro Ieraci**
- **EPI 07** | Unraveling STAG2-driven neuro-oncogenesis in medulloblastoma for new therapeutic targeting **Antonella Lettieri**

Meccanismi di difesa cellulare e risposte cellulari allo stress

- **MEC 01** | Quantum Molecular Resonance combined with Patient Blood Secretome modulates RPE microRNA Signatures in Oxidative Stress-Induced Damage **Simona Alibrandi**
- **MEC 02** | Targeting oxidative stress in obesity-associated male infertility: protective roles of 3,5-Diiodo-L-thyronine on testicular functions **Maria Rosaria Ambruosi**
- **MEC 03** | Investigation of alpha-1 antitrypsin internalization and intracellular localization in pleural mesothelioma **Giada Badiale**
- **MEC 04** | Ferroptotic stress establishes a feed-forward tumor-neuron circuit driving neurotropic behaviour in oral cancer **Anna Martina Battaglia**
- **MEC 05** | Exploring the cardioprotective potential of perinatal derivatives against cancer-related cardiotoxicity and stress-related cardiac senescence **Sveva Bollini**
- **MEC 06** | Olea europaea Enhances Chemotherapeutic Efficacy in Lung Adenocarcinoma Cells Through Non-Canonical Autophagy and Modulation of Oxidative and Endoplasmic Reticulum Stress Responses **Mariarita Brancaccio**
- **MEC 07** | Insight into the cellular activities of tranexamic acid as an option for melasma treatment **Amanda Canuti**
- **MEC 08** | Endothelial VEGFR-2 Activation Precedes Severe Mucosal Injury in TNBS-Induced Colitis **Sabrina Ceccariglia**
- **MEC 09** | Dual role of marinobufagenin in HK-2 renal tubular cells: physiological regulator and stress cytotoxin **Marilena Celano**
- **MEC 10** | The role of Chaperone-Mediated Autophagy in Androgen Receptor degradation **Riccardo Cristofani**
- **MEC 11** | A positive sphingosine 1-phosphate-neutrophil extracellular traps feedback loop drives fibrosis in endometriosis **Chiara Donati**
- **MEC 12** | Loss of CACNG8 sensitizes human retinal pigment epithelial cells to oxidative stress: dissecting AMPAR-dependent and AMPAR-independent mechanisms **Luigi Donato**
- **MEC 13** | Cellular and molecular modulation of macrophage functions by plant-derived nanovesicles: effects on phagocytosis and innate immunity **Giulia Duca**
- **MEC 14** | Characterization of human dermis-derived mesenchymal stem cells under replicative and stress-induced senescence conditions **Federica Facchin**
- **MEC 15** | Adipose mesenchymal stem cell secretome mitigates reproductive aging by reversing senescence and improving bioenergetics in ovarian aging models **Kimberly Ferrante**
- **MEC16** | Inflammatory and lysosomal signaling converge to regulate SPP1 expression in macrophages **Maria Teresa Fiorenza**



- **MEC 17** | Graphene Quantum Dot Wearable Technology Reprograms Mitochondrial Bioenergetics and Redox-Inflammatory Signaling in Human T Cells **Sara Franceschelli**
- **MEC 18** | Iron homeostasis regulates inflammatory signalling in keratinocytes expressing the psoriatic CARD14 E138A mutant **Cristiana Galeano**
- **MEC 19** | Cancer stemness determines adaptation to mitochondrial iron overload through mitophagic quality control in ovarian cancer **Emanuele Giorgio**
- **MEC 20** | TMS1, the yeast homologue of human SERINC5, plays a pro-survival role in regulated cell death **Nicoletta Guaragnella**
- **MEC 21** | Prenylcysteine Oxidase 1 deficiency protects HL-1 cardiomyocytes against ischaemic/hypoxic stress **Alice Mallia**
- **MEC 22** | Exploring the Role of Glyoxalase 2 (GLO2) in Cystic Fibrosis Oxinflammation **Dominga Manfredelli**
- **MEC 23** | Assessing the possible combinatory effect of Zn disallostasis and Blue light exposure on ARPE-19 **Domenico Mordà**
- **MEC 24** | Distinct ferroptotic states differentially shape macrophage plasticity in oral cancer **Giuseppe Natali**
- **MEC 25** | Mechanisms involved in anti-inflammatory effect of 5-thiohistidine in endothelial cells from umbilical cord vein of gestational diabetic women **Roberta Palumbo**
- **MEC 26** | Human amniotic membrane-derived MSC secretome restrains CNS neuroinflammation and peripheral immune invasion via CXCL10 blockade **Andrea Papaït**
- **MEC 27** | From human biomonitoring to experimental evidence: neural, metabolic and reproductive effects of a real-life endocrine disruptor mixture **Silvia Paterlini**
- **MEC 28** | Grape juice-derived extracellular vesicles promote wound healing in human dermal fibroblasts (hTERT): an in vitro scratch assay study **Antonia Patruno**
- **MEC 29** | Pyrroloquinoline Quinone Restores Mitochondrial Homeostasis, Cytoskeletal remodeling and Migration in Dexamethasone-Treated Trabecular Meshwork Cells **Sabrina Petricca**
- **MEC 30** | Glutathione Preconditioning Enhances the Antioxidant Activity of MSC-Derived Extracellular Vesicles in Parkinson's Disease Models **Francesca Cristiana Piritore**
- **MEC 31** | Naïve, But Not Induced, Human Extracellular Vesicles Protect Against Murine Colitis **Michela Pozzobon**
- **MEC 32** | S1P3 Receptor Mediates the Proinflammatory Effect of the Endocannabinoid 2-Arachidonoylglycerol in Endometriotic Epithelial Cells **Matteo Prisinzano**
- **MEC 33** | Splicing Under Stress: how Oxidative Stress Upregulates HuD (ELAVL4) in Amyotrophic Lateral Sclerosis **Alessandro Rosa**
- **MEC 34** | Sulodexide exerts a protective effect on the endothelium restoring endothelial permeability and modulating the Notch pathway altered by TNF- α **Anna Sanvido**
- **MEC 35** | Patient-derived Endometrial Organoids to Study HSV-1 Impact on Fertility **Irma Saulle**
- **MEC 36** | Combined Targeting of TSPO and MAO-B Promotes Redox Reprogramming in an In Vitro Model of Hyperactivated Microglia **Eduardo Scalzi**
- **MEC 37** | p140Cap shapes sensitivity to PD-L1 blockade and guides personalized combination therapies in HER2⁺ and Triple-Negative breast cancer **Andrea Scavuzzo**
- **MEC 38** | Molecular Tuning of Oxidative Stress and Intestinal Resilience: the Protective Synergy of *Cynara cardunculus* L. (var. Carciofo di Cupello) in Differentiated Caco-2 Cell Models **Lorenza Speranza**
- **MEC 39** | Dysregulation of cellular quality control and stress response mechanisms in HSPB8-pathology **Barbara Tedesco**



COFFEE BREAK E POSTER SESSION 2

23 ottobre 16:00 - 17:00 / 24 ottobre 11:30 - 12:00

Biogenesi, funzioni e alterazioni di organelli e strutture cellulari ed extracellulari

- **BIO 01** | CLIC2: a putative macrophage mediator of endothelial repair and vascular remodeling **Francesco Albano**
- **BIO 02** | Sensing the Structure: The Role of AKAP1 Mitochondrial Scaffolding in Tuning Visual Circuits **Concetta Ambrosino**
- **BIO 03** | Actin Cytoskeleton Remodeling as a Key Driver of Testicular and Sperm Dysfunction in Type 1 Diabetes **Alessandra Biasi**
- **BIO 04** | Small extracellular vesicles biogenesis and release in a murine model of proliferating and differentiated skeletal muscle cells: role of redox modulation **Daniela Caporossi**
- **BIO 05** | Mechanistic insights into extracellular vesicle-driven metabolic coupling between melanoma and adipocytes **Fabrizio Fontana**
- **BIO 06** | Circulating Extracellular Vesicles Associated with Anti-PD-1 Response in Melanoma Differentially Shape Human Macrophage Bioenergetics **Cansu Gorgun**
- **BIO 07** | Linking mitochondrial metabolism to extracellular matrix remodeling: a TRAP1-dependent program driving MPNST progression **Martina La Spina**
- **BIO 09** | Evidence for EV-mito-associated extracellular mitochondrial signalling in cutaneous squamous cell carcinoma **Annalaura Miniero**
- **BIO 10** | The hepatic circadian clock regulates a rhythmic mitochondrial extracellular vesicle secretory axis in liver **Emanuele Murgo**
- **BIO 11** | SYNJ1 couples PI4P homeostasis to COPII vesicle dynamics during early secretory trafficking **Paolo Remondelli**
- **BIO 12** | Ca^{2+} -dependent mitochondrial dysfunction precedes inflammation in Duchenne muscular dystrophy: its recovery promotes a pro-regenerative environment **Marco Schiavone**
- **BIO 13** | Engineered nanoerythrocytes modulate tumor cell responses through selective interactions with the tumor microenvironment **Roberta Tasso**
- **BIO 14** | Mesodermal-specific MECP2 expression in Drosophila induces visceral and skeletal muscle defects rescued by butyrate supplementation **Thomas Vaccari**
- **BIO 15** | Extracellular Vesicle miRNAs drive tumor-muscle crosstalk in sarcopenic hepatocellular carcinoma **Virginia Manuti**

Controllo della proliferazione cellulare e del differenziamento

- **CON 01** | Gallic acid released by a functionalized bone substitute inhibits osteoclast differentiation through RANK signaling suppression **Maria Laura Belladonna**
- **CON 02** | FBXW1 as a Potential Modulator of Wnt/ β -Catenin Signaling and Autophagy in Osteosarcoma **Samantha Bianco**
- **CON 03** | KRAS G12V drives NF- κ B-dependent inflammatory plasticity and partial EMT in gastric cells **Daniele Bravoco**
- **CON 04** | The secretome from amniotic membrane MSC reprograms carcinoma-associated fibroblasts from peritoneal metastases of high-grade serous ovarian carcinoma **Paola Chiodelli**
- **CON 05** | Epigenetic control of cancer cell identity: TIMELESS-ZEB1 and TIMELESS-UHRF1 axes link genome maintenance to differentiation and stemness **Tommaso Colangelo**
- **CON 06** | Hydroxytyrosol Oleate-loaded Zein Nanoparticles modulate growth and oxidative stress by ERK/ NF- κ B pathways in breast cancer cells **Sharon Critelli**



- **CON 07** | Human lung organoids derived from cryopreserved cells suspension recapitulate epithelial hierarchy and progressive structural maturation in a 3D disease-relevant model **Rosita Di Palma**
- **CON 08** | Bioengineering Functional Nasal Turbinates: A Regenerative Strategy for Empty Nose Syndrome **Giulia Galaverni**
- **CON 09** | Endometrial Dysfunction and Implantation Failure: unraveling Mito-chondrial and Unfolded Protein Responses under Environmental Endocrine Disruption **Francesca Paola Luongo**
- **CON 10** | Ritonavir as IL-20 Receptor A Ligand: Impact on Cell Adhesion, Migration, Invasion, and Downstream Signaling Pathways **Valentina Maggisano**
- **CON 11** | Whole-Organoid 3D Imaging Reveals Senescence-Associated Neurodegenerative Features **Valentina Massa**
- **CON 12** | Resveratrol induces S-phase arrest in osteosarcoma cells via gene expression alterations **Elisa Mazzoni**
- **CON 13** | Gut microbiota-derived valeric acid drives FFAR2-dependent metabolic adaptation and immune exclusion in melanoma **Chiara Paciolla**
- **CON 14** | Carnitine acetyltransferase (CrAT) involvement in TGF- β 1-induced keratocyte transdifferentiation and corneal fibrosis in vitro **Roberta Palumbo**
- **CON 15** | Engineering a Humanized 3D Bioprinted Breast-to-Bone Metastasis Model for Studying Osteotropism and Tumor Progression **Silvia Pontara**
- **CON 16** | Physical activity reprograms the miRNA landscape of extracellular vesicles and protects against prostate adenocarcinoma via miR-204 upregulation **Flaminia Riggio**
- **CON 17** | Extracellular matrix-derived cues govern macrophage behavior and functional response to foreign materials **Marianna Roca**
- **CON 18** | Polylactic acid nanoplastics impair endocrine signalling and spermatozoa physiology: protective effects of Lemna minor **Maria Zelinda Romano**
- **CON 19** | Characterization of differential responses to Belantamab Mafodotin and Vy9V52 T-cell-mediated cytotoxicity in multiple myeloma cells **Irina Xhuvelli**

Epigenetica e regolazione dell'espressione genica - 2

- **EPI 08** | Evaluation of circulating miRNA alterations as potential therapeutic targets in iron overload conditions (NextGenerationEU PNRR CNTG) **Eleonora Loi**
- **EPI 09** | PRMT5 pharmacological inhibition regulates macrophage responses to Gram-negative bacterial infections **Valerio Mariani**
- **EPI 10** | Distinct Molecular and Epigenetic Profiles in Head and Neck Squamous Cell Carcinomas, tested HPV-Positive and HPV-Negative suggest novel Prognostic and Therapeutic approaches **Fernanda Martini**
- **EPI 11** | Decoding the Epigenetic Program Underlying Replicative Senescence in Uterine Smooth Muscle Cells **Martina Mascaro**
- **EPI 12** | Tissue and Liquid Biopsy Profiling of miR-98-5p, miR-130a-3p, and miR-1246 in Hepatocellular Carcinoma **Alessandro Salvi**
- **EPI 13** | miR-CATCH reveals functional miRNA-mediated regulation of THBS1 in intrahepatic cholangiocarcinoma **Michele Stella**
- **EPI 14** | MicroRNA-197-3p enhances the cell proliferation in pleural mesothelioma **Mauro Tognon**
- **EPI 15** | Genomic and epigenomic mechanisms of P. falciparum infection and its association with Endemic Burkitt's lymphoma **Ana Florencia Vega Benedetti**

Genomica strutturale e funzionale



- **GEN 01** | Germline variants in the unconventional neurotrophic factor CDNF predispose to early-onset familial gastric cancer by impairing ER proteostasis **Elena Amendola**
- **GEN 02** | Modelling CLCN7-Associated Osteopetrosis: iPSC/iMSC-Based Approach and PBMC-Derived Osteoclast Differentiation in Patient and Control **Arianna Minoia**
- **GEN 03** | Unravelling the Additive Effect of Hypomorphic RAS-Pathway Variants in Noonan Syndrome Using CRISPR/Cas9-Engineered Isogenic iPSCs **Paola Riva**
- **GEN 04** | Development of quality-controlled biobank of patient derived organoids to study breast cancer heterogeneity **Chiara Tordonato**



XXIV CONGRESSO NAZIONALE AIBG

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Chiara **Donati** *Segretario*
Alessandro **Barbon**
Maria Teresa **Fiorenza**
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SEDE CONGRESSUALE

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Via Nicolò Cuneo, 34
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