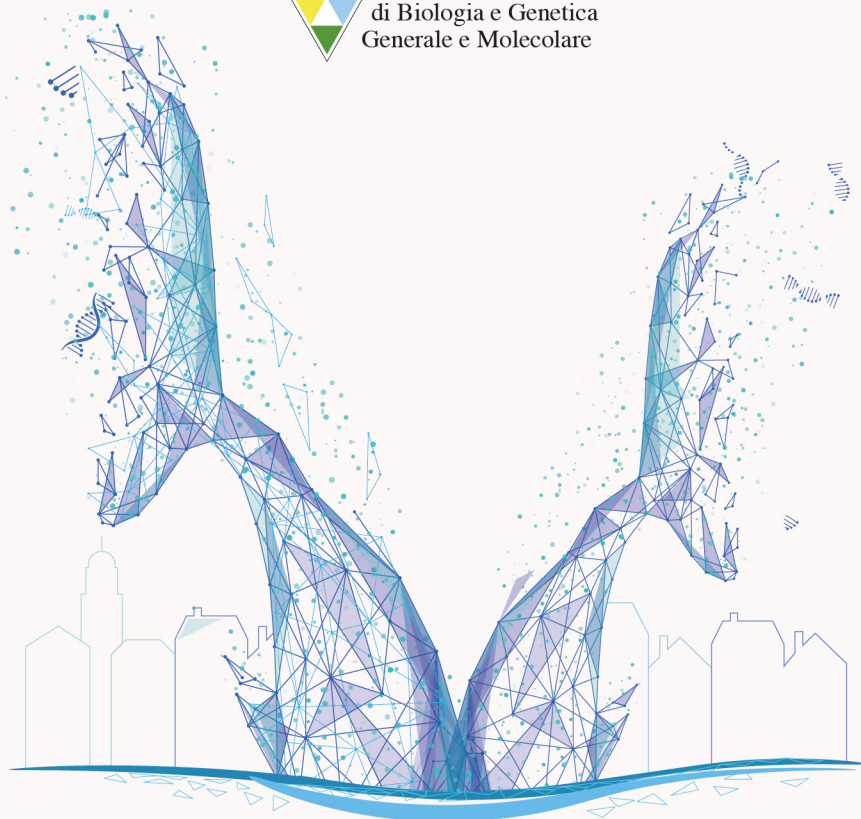




Associazione Italiana
di Biologia e Genetica
Generale e Molecolare



XXIV CONGRESSO NAZIONALE AIBG

22|23|24
OTTOBRE 2026

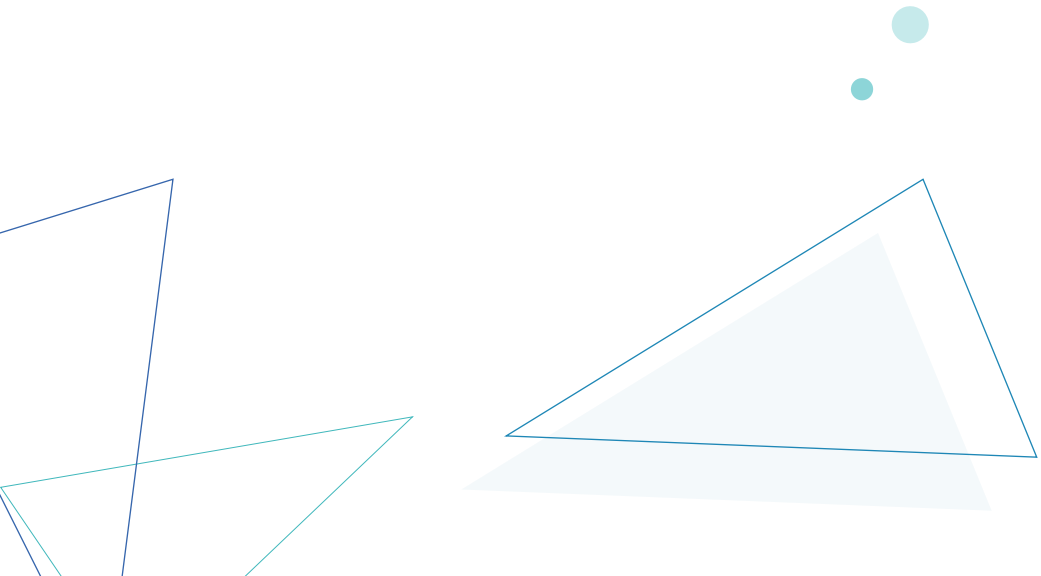
CAMOGLI, CENOBIO DEI DOGI

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	<i>Coffee Break</i> e Poster Session 1	11:30 12:00	<i>Coffee Break</i> 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	<i>Lunch</i> e <i>Poster Change</i>	12:20	Chiusura congresso
14:45 16:00	SESSIONE 4 Epigenetica e regolazione dell'espressione genica		
16:00 17:00	<i>Coffee Break</i> e Poster Session 2		
17:00	Assemblea dei Soci		
20:00	<i>Get Together Party</i>		



XXIV CONGRESSO NAZIONALE AIBG

GIOVEDÌ 22 OTTOBRE 2026

- 12:00** Registrazione e *Welcome Coffee*
13:00 Saluti di benvenuto e delle autorità
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 Salerno*

- 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 Rontauroli *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 3*
- 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 B-Catenin inhibition
Vincenzo Salemm *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

- In Vivo Role of Clockb Histone Acetyltransferase Activity in Zebrafish Homeostasis and Endocrine Signaling **Concetta Ambrosino**
- ADAR Therapy as a new tool against neurodegenerative disorders **Alessandro Barbon**
- A 4-Week Brisk Walking Intervention Reduces miR-223-3p in Serum and EVs and Modulates Adipogenic Markers in Women **Michele Braggio**
- Genome wide DNA methylation study in an Amyotrophic Lateral Sclerosis cohort from Sulcis Iglesiente, a historic mining area of Sardinia **Silvia Cossu**
- A novel RNA therapeutic platform for retinitis pigmentosa 11 **Stefano Espinoza**
- In or out: RBPs, RNA barcodes and modifications to establish miRNA cargo destiny in Extracellular Vesicles **Sabrina Garbo**
- BDNF Val66Met Polymorphism Moderates the Long-Term Neurobiological Consequences of Adolescent JWH-018 Exposure **Alessandro Ieraci**
- Unraveling STAG2-driven neuro-oncogenesis in medulloblastoma for new therapeutic targeting **Antonella Lettieri**

Meccanismi di difesa cellulare e risposte cellulari allo stress

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



- Adipose mesenchymal stem cell secretome mitigates reproductive aging by reversing senescence and improving bioenergetics in ovarian aging models **Kimberly Ferrante**
- Inflammatory and lysosomal signaling converge to regulate SPP1 expression in macrophages **Maria Teresa Fiorenza**
- Graphene Quantum Dot Wearable Technology Reprograms Mitochondrial Bioenergetics and Redox-Inflammatory Signaling in Human T Cells **Sara Franceschelli**
- C5AR1 and C5AR2 deficiency protects against tubular senescence and endothelial-to-mesenchymal (EndMT) transition through HMGB1/NLRP3 signaling during ischemia-reperfusion injury (IRI) **Rossana Franzin**
- Iron homeostasis regulates inflammatory signalling in keratinocytes expressing the psoriatic CARD14 E138A mutant **Cristiana Galeano**
- Cancer stemness determines adaptation to mitochondrial iron overload through mitophagic quality control in ovarian cancer **Emanuele Giorgio**
- TMS1, the yeast homologue of human SERINC5, plays a pro-survival role in regulated cell death **Nicoletta Guaragnella**
- Prenylcysteine Oxidase 1 deficiency protects HL-1 cardiomyocytes against ischaemic/hypoxic stress **Alice Mallia**
- Exploring the Role of Glyoxalase 2 (GLO2) in Cystic Fibrosis Oxinflammation **Dominga Manfredelli**
- Assessing the possible combinatory effect of Zn disallostasis and Blue light exposure on ARPE-19 **Domenico Mordà**
- Distinct ferroptotic states differentially shape macrophage plasticity in oral cancer **Giuseppe Natali**
- Mechanisms involved in anti-inflammatory effect of 5-thiohistidine in endothelial cells from umbilical cord vein of gestational diabetic women. **Roberta Palumbo**
- Human amniotic membrane-derived MSC secretome restrains CNS neuroinflammation and peripheral immune invasion via CXCL10 blockade **Andrea Papait**
- From human biomonitoring to experimental evidence: neural, metabolic and reproductive effects of a real-life endocrine disruptor mixture **Silvia Paterlini**
- Grape juice-derived extracellular vesicles promote wound healing in human dermal fibroblasts (hTERT): an in vitro scratch assay study **Antonia Patruno**
- Pyrroloquinoline Quinone Restores Mitochondrial Homeostasis, Cytoskeletal remodeling and Migration in Dexamethasone-Treated Trabecular Meshwork Cells **Sabrina Petricca**
- Glutathione Preconditioning Enhances the Antioxidant Activity of MSC-Derived Extracellular Vesicles in Parkinson's Disease Models **Francesca Cristiana Piritore**
- Naïve, But Not Induced, Human Extracellular Vesicles Protect Against Murine Colitis **Michela Pozzobon**
- SIP3 Receptor Mediates the Proinflammatory Effect of the Endocannabinoid 2-Arachidonoylglycerol in Endometriotic Epithelial Cells **Matteo Prisinzano**
- The Probiotic *Streptococcus salivarius* 24SMB Primes Innate Immune Functions by Enhancing Viability, Chemotaxis and Phagocytic Ability in Dictyostelium discoideum **Simone Rocco**
- Splicing Under Stress: How Oxidative Stress Upregulates HuD (ELAVL4) in Amyotrophic Lateral Sclerosis **Alessandro Rosa**
- Sulfoxide exerts a protective effect on the endothelium restoring endothelial permeability and modulating the Notch pathway altered by TNF- α **Anna Sanvido**
- Patient-derived Endometrial Organoids to Study HSV-1 Impact on Fertility **Irma Saulle**



- Combined Targeting of TSPO and MAO-B Promotes Redox Reprogramming in an In Vitro Model of Hyperactivated Microglia **Eduardo Scalzi**
- p140Cap shapes sensitivity to PD-L1 blockade and guides personalized combination therapies in HER2⁺ and Triple-Negative breast cancer **Andrea Scavuzzo**
- 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**
- 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

- CLIC2: a putative macrophage mediator of endothelial repair and vascular remodeling **Francesco Albano**
- Sensing the Structure: The Role of AKAP1 Mitochondrial Scaffolding in Tuning Visual Circuits **Concetta Ambrosino**
- Actin Cytoskeleton Remodeling as a Key Driver of Testicular and Sperm Dysfunction in Type 1 Diabetes **Alessandra Biasi**
- Small extracellular vesicles biogenesis and release in a murine model of proliferating and differentiated skeletal muscle cells: role of redox modulation. **Daniela Caporossi**
- Mechanistic insights into extracellular vesicle-driven metabolic coupling between melanoma and adipocytes **Fabrizio Fontana**
- Circulating Extracellular Vesicles Associated with Anti-PD-1 Response in Melanoma Differentially Shape Human Macrophage Bioenergetics **Cansu Gorgun**
- Linking mitochondrial metabolism to extracellular matrix remodeling: a TRAP1-dependent program driving MPNST progression **Martina La Spina**
- Extracellular Vesicle miRNAs drive tumor-muscle crosstalk in sarcopenic hepatocellular carcinoma **Virginia Manuti**
- Autophagy-regulated extracellular vesicles modulate the peritoneal pre-metastatic niche formation in colorectal cancer **Federica Michetti**
- Evidence for EV-mito-associated extracellular mitochondrial signalling in cutaneous squamous cell carcinoma **Annalaura Miniero**
- The hepatic circadian clock regulates a rhythmic mitochondrial extracellular vesicle secretory axis in liver **Emanuele Murgo**
- The molecular fingerprint of mouse embryonic stem cell-derived extracellular vesicles **Claudia Sabato**
- Ca²⁺-dependent mitochondrial dysfunction precedes inflammation in Duchenne muscular dystrophy: its recovery promotes a pro-regenerative environment. **Marco Schiavone**
- Engineered nanoerythrocytes modulate tumor cell responses through selective interactions with the tumor microenvironment **Roberta Tasso**
- Mesodermal-specific MECP2 expression in *Drosophila* induces visceral and skeletal muscle defects rescued by butyrate supplementation **Thomas Vaccari**



Controllo della proliferazione cellulare e del differenziamento

- Gallic acid released by a functionalized bone substitute inhibits osteoclast differentiation through RANK signaling suppression. **Maria Laura Belladonna**
- FBXW7 as a Potential Modulator of Wnt/ β -Catenin Signaling and Autophagy in Osteosarcoma **Samantha Bianco**
- KRAS G12V drives NF- κ B-dependent inflammatory plasticity and partial EMT in gastric cells **Daniele Bravoco**
- The secretome from amniotic membrane MSC reprograms carcinoma-associated fibroblasts from peritoneal metastases of high-grade serous ovarian carcinoma **Paola Chiodelli**
- Epigenetic control of cancer cell identity: TIMELESS-ZEB1 and TIMELESS-UHRF1 axes link genome maintenance to differentiation and stemness **Tommaso Colangelo**
- Hydroxytyrosol Oleate-loaded Zein Nanoparticles modulate growth and oxidative stress by ERK/ NF- κ B pathways in breast cancer cells **Sharon Critelli**
- IL20RA Blockade by Ritonavir Inhibits Growth and Promotes Autophagic Cell Death in Triple-Negative Breast Cancer **Francesca De Amicis**
- Human lung organoids derived from cryopreserved cells suspension recapitulate epithelial hierarchy and progressive structural maturation in a 3D disease-relevant model **Rosita Di Palma**
- Monocytic Differentiation Selectively Modulates Venetoclax Sensitivity Through PU.1-Dependent Cell-State Remodelling in Acute Myeloid Leukemia **Alessandro Ferrando**
- Bioengineering Functional Nasal Turbinates: A Regenerative Strategy for Empty Nose Syndrome **Giulia Galaverni**
- Endometrial Dysfunction and Implantation Failure: Unraveling Mitochondrial and Unfolded Protein Responses under Environmental Endocrine Disruption **Francesca Paola Luongo**
- Ritonavir as IL-20 Receptor A Ligand: Impact on Cell Adhesion, Migration, Invasion, and Downstream Signaling Pathways **Valentina Maggisano**
- Carnitine acetyltransferase (CrAT) involvement in TGF- β 1-induced keratocyte transdifferentiation and corneal fibrosis in vitro **Domitilla Mandatori**
- Whole-Organoid 3D Imaging Reveals Senescence-Associated Neurodegenerative Features **Valentina Massa**
- Resveratrol induces S-phase arrest in osteosarcoma cells via gene expression alterations **Elisa Mazzoni**
- Gut microbiota-derived valeric acid drives FFAR2-dependent metabolic adaptation and immune exclusion in melanoma **Chiara Paciolla**
- Engineering a Humanized 3D Bioprinted Breast-to-Bone Metastasis Model for Studying Osteotropism and Tumor Progression **Silvia Pontara**
- SYNJ1 couples PI4P homeostasis to COPII vesicle dynamics during early secretory trafficking **Paolo Remondelli**
- Physical activity reprograms the miRNA landscape of extracellular vesicles and protects against prostate adenocarcinoma via miR-204 upregulation **Flaminia Riggio**
- Extracellular matrix-derived cues govern macrophage behavior and functional response to foreign materials **Marianna Roca**
- Polylactic acid nanoplastics impair endocrine signalling and spermatozoa physiology: protective effects of Lemna minor **Maria Zelinda Romano**
- Characterization of differential responses to Belantamab Mafodotin and Vy9V62 T-cell-mediated cytotoxicity in multiple myeloma cells **Xhuveli Irimi**



Epigenetica e regolazione dell'espressione genica - 2

- Evaluation of circulating miRNA alterations as potential therapeutic targets in iron overload conditions (NextGenerationEU PNRR CNTG) **Eleonora Loi**
- PRMT5 pharmacological inhibition regulates macrophage responses to Gram-negative bacterial infections **Valerio Mariani**
- 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**
- Decoding the Epigenetic Program Underlying Replicative Senescence in Uterine Smooth Muscle Cells **Martina Mascaro**
- Tissue and Liquid Biopsy Profiling of miR-98-5p, miR-130a-3p, and miR-1246 in Hepatocellular Carcinoma **Alessandro Salvi**
- miR-CATCH reveals functional miRNA-mediated regulation of THBS1 in intrahepatic cholangiocarcinoma **Michele Stella**
- MicroRNA-197-3p enhances the cell proliferation in pleural mesothelioma **Mauro Tognon**
- Genomic and epigenomic mechanisms of *P. falciparum* infection and its association with Endemic Burkitt's lymphoma **Ana Florencia Vega Benedetti**

Genomica strutturale e funzionale

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



XXIV CONGRESSO NAZIONALE AIBG

COMITATO DIRETTIVO E COMITATO SCIENTIFICO

Cecilia **Bucci** *Presidente*
Chiara **Donati** *Segretario*
Alessandro **Barbon**
Maria Teresa **Fiorenza**
Paolo **Remondelli**
Carla **Tatone**
Emanuela **Tolosano**

COMITATO ORGANIZZATORE NAZIONALE

Chiara **Donati**
Alessandro **Barbon**
Emanuela **Tolosano**

COMITATO ORGANIZZATORE LOCALE

Paola **Ghiorzo**
Sveva **Bollini**
William **Bruno**
Cansu **Gorgun**
Chiara **Gentili**
Paolo **Giannoni**
Aldo **Pagano**
Lorenza **Pastorino**
Rodolfo **Quarto**
Roberta **Tasso**
Sara **Tavella**

SEDE CONGRESSUALE

Hotel Cenobio dei Dogi
Via Nicolò Cuneo, 34
16032 Camogli
www.cenobio.it

Per info e prenotazioni alberghiere www.aibg2026.it/

SEGRETERIA ORGANIZZATIVA E PROVIDER ECM

SYMPOSIA | We care
ORGANIZZAZIONE CONGRESSI

Symposia Organizzazione Congressi Srl
Provider Standard Age.Na.S. n. 486
Piazza Campetto, 2/8 - 16123 Genova
+39 010 255146
symposia@symposiacongressi.com

