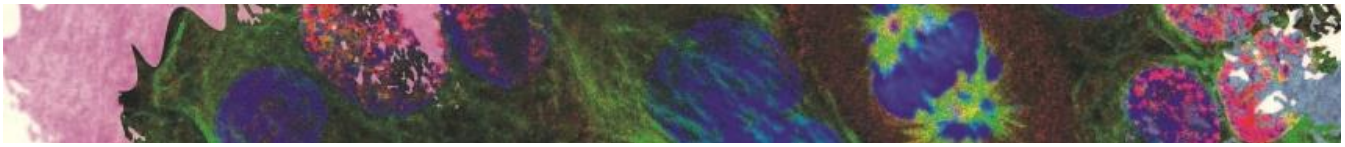


Scientific Programme

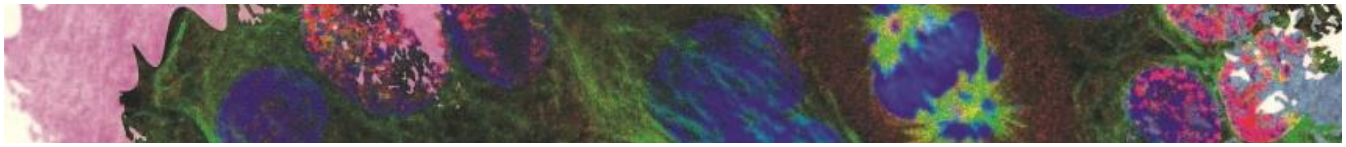
Friday 27 November 2026

Scientific Programme | Talks in the auditorium | Poster sessions in a separate area

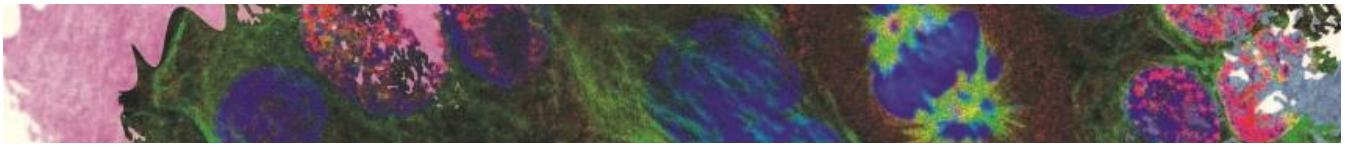
TIME	SESSION	PRESENTATION DETAILS / LOCATION
Chair: tbd		
09:30–10:30	**Oral Presentations 1**	**Translational Research & Human Health**
09:30–09:42		**Konstantinos-Theofylaktos Diavatis · DUTH [#41]** Cytogenetic study of the potential genotoxicity of food dyes in human lymphocyte cultures and cancer cell lines
09:42–09:54		**Athanasia Alexandridou · Public Cord Blood Bank, "G. Papanikolaou" Hospital [#75]** Deciphering the role of Umbilical cord blood stem cell derived microparticles in LPS-induced Hemopoietic cells
09:54–10:06		**Anna Giasemi · NKUA [#17]** Genetic evidence links complement component C4A brain overexpression to severe schizophrenia
10:06–10:23		**Phaedra Eleftheriou · International Hellenic University [#138΄]** Variability in antibodies against bovine casein in patients with Bipolar Disorder, Schizophrenia and Depression
10:23–10:30		Discussion / transition
10:30–11:00	**Invited Lecture 1**	**Christina Papageorgopoulou Democritus University of Thrace (DUTH), Greece** From the past to present: A journey through human history and evolution using modern technologies
11:00–11:30	Coffee Break	
Chair: tbd		
11:30–13:00	**Oral Presentations 2**	**Systems Biology, Bioinformatics & Functional Omics**
11:30–11:47		**Georgios Boulougouris · DUTH [#166]** Paradigms in Computational Modeling: From Phenotypic Inference to an Alchemical Search in Molecular Design.
11:47–12:04		**Ioannis Karakasiliotis · DUTH [#193]** Remining the Lost Virome: ViRAE Enhances Viral Genome Assembly by Recovering Chimeric Sequencing Reads
12:04–12:16		**Alexandros Kaimakis · AUTH [#161]** Reading-frame signatures in protein-coding RNAs: the X circular code, but not off-frame stop codons, distinguishes mRNAs from long non-coding RNAs
12:16–12:28		**Eleftheria Georgalaki · University of Patras [#37]** Integration of genetic, transcriptional and functional evidence to prioritize candidate genes for atopic dermatitis
12:28–12:40		**Christos Kotsopoulos · AUTH [#181]** Deciphering the Lymphoma Transmembranome: An in silico Comparative Analysis of N3a-induced p53 activation in lymphoma model cell lines



TIME	SESSION	PRESENTATION DETAILS / LOCATION
12:40–12:52		**Eleni V. Stolaki · AUTH [#133]** Metabolic reprogramming in lymphoma: A multiomics systems biology approach to comparatively delineate mechanistic strategies
12:52–13:00		Discussion / transition
13:00–13:30	**Invited Lecture 2**	**Fotis Psomopoulos** Centre for Research and Technology Hellas (CERTH), Greece "AI Meets Bioinformatics: Agents, Foundation Models, and the Path to Trustworthy Science"
13:30–14:00	**Invited Lecture 3**	**Nikolaos Balatsos** University of Thessaly, Greece Life, Half-Life, 3'-End-Life... and Again: The Life and Times of PARN across the RNA Walk of Life
14:00–15:30	**Poster Session 1**	
Chair: tbd		
15:30–16:35	**Oral Presentations 3**	**Chemical Biology & Therapeutic Technologies**
15:30–15:47		**Jerome Zoidakis · NKUA / BRFAA [#82]** Inhibition of PP2A phosphatase in anticancer therapy: don't hit the brakes, step on it!
15:47–15:59		**Anastasios Vasileiadis · DUTH [#27]** Genomic and Functional Characterization of Novel Pseudomonas aeruginosa Bacteriophages with Biofilm-Disrupting and Phage–Antibiotic Synergistic Activity **Georgios**
15:59–16:08		**Andreas Tzakos · University of Ioannina [#113]** Development of First-in-Their-Class Trackable Therapeutics Against SARS-CoV-2 Nsp15
16:08–16:20		**Andreas Tzakos · University of Ioannina [#135]** Development of a FRET-Based Cancer Theragnostic for Real-Time Monitoring of Cytotoxic Warhead Release in the Tumor Microenvironment
16:20–16:32		**Christina Thoda · AUTH [#64]** Sustainable insect-derived biomaterials for probiotic peptide delivery: antimicrobial activity and anticancer potential
16:35–17:30	**Oral Presentations 4**	**Matrix Pathobiology & Cancer Cell Plasticity**
16:32–16:44		**Angeliki Farmaki · University of Patras [#148]** The role of ECM substrates on the formation and matrix dynamics of 3D breast cancer spheroids
16:44–16:56		**Kilian Baritz · BRFAA [#120]** Integrated transcriptomics links extracellular matrix remodelling to molecular subtypes and urinary biomarkers in intermediate-risk prostate cancer
16:56–17:08		**Paraskevi Ioannou · NKUA [#89]** Gut microbiome modulates ECM remodeling in melanoma progression
17:08–17:20		**Konstantinos Zacheilas · AUTh [#21]** Reshaping Cell Plasticity: A Constitutively Active TGF-β3 Autocrine Loop Drives Epithelial-Mesenchymal Transition and Cancer Stemness in Epithelial Malignancies
17:20–17:30		Discussion / transition



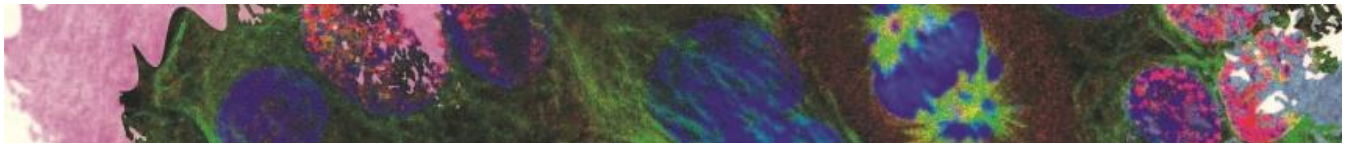
TIME	SESSION	PRESENTATION DETAILS / LOCATION
17:30–18:00	**Invited Lecture 4**	**Ioannis Verginadis** University of Pennsylvania, USA Thinking beyond the tumor: ATF4 as a shared driver of tumor stroma remodeling and radiation-induced fibrosis
18:00–18:30	Coffee Break	
Chair: tbd		
18:30–18:45	**Opening Ceremony**	**Welcome Addresses**
18:45–19:15	**Invited Lecture 5**	**Sylvie Ricard-Blum** Claude Bernard University Lyon 1 – CNRS (ICBMS, UMR 5246), France Structure and interaction networks of the extracellular matrix enzymes lysyl oxidases
19:15–19:45	**Invited Lecture 6**	**George Sflomos** Geneva University Hospitals (HUG) & University of Geneva (UNIGE) / EPFL, Switzerland Modeling Breast Cancer Progression and Therapeutic Resistance: Insights from the Tumor Microenvironment and Advanced Preclinical Models
20:00	**Cocktail**	



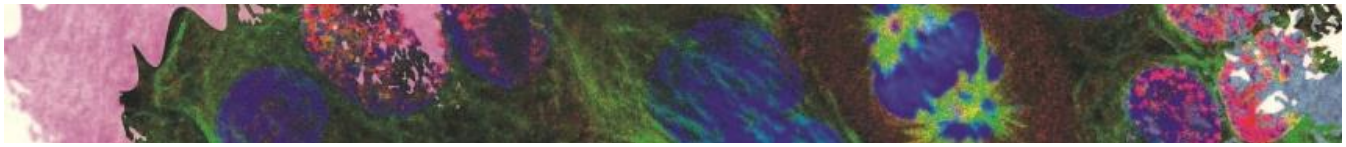
Saturday 28 November 2026

Scientific Programme | Talks in the auditorium | Poster sessions in a separate area

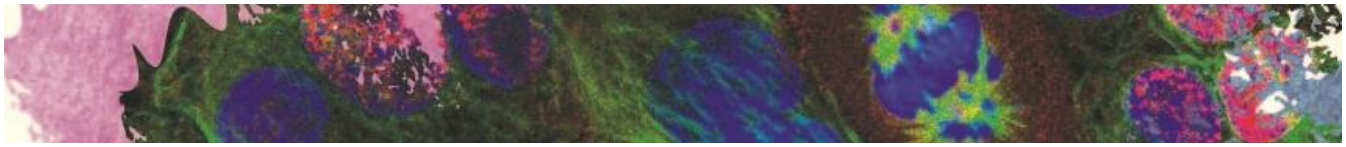
TIME	SESSION	PRESENTATION DETAILS / LOCATION
Chair: tbd		
09:00–10:35	**Oral Presentations 5**	**Cell Organization & Function & Proteostasis**
09:00–09:17		**Vasiliki Koumandou · Agricultural University of Athens [#151]** Evolutionary conservation of mitochondria-endoplasmic reticulum contact sites (MERCs) across the eukaryotes
09:17–09:29		**Konstantinos Liontakis · University of Patras [#97]** Mitochondrial retention defines an oxidatively susceptible erythrocyte subpopulation in sickle cell disease
09:29–09:41		**Vasileios Vrazas · DUTH [#177]** Dissecting the Interactome and subcellular localizations of the nucleoporin ALADIN
09:41–09:53		**Adamantia Kouvela · University of Patras [#136]** *Exploring erythrocyte RNA landscapes and mitochondrial heterogeneity in sickle cell disease using Nanopore direct RNA sequencing*
09:53–10:05		**Lito Karkaletsou · DUTH [#92]** Shaping the cell interior: an unexplored role of HDAC2 in cytoskeletal remodeling
10:05-10:17		**Eleni Dimou · AUTh [#119]** Accessible super-resolution microscopy reveals the dynamics of tau aggregate self-replication
10:17–10:34		**Konstantinos Palikaras · NKUA [#125']** Tau protein as a regulator of mitochondrial function and dynamics
10:35–11:05	**Invited Lecture 7**	**Georgios Skretas** Biomedical Sciences Research Center "Alexander Fleming", Greece "A microbial discovery platform uncovers peptide macrocycles that disaggregate patient-derived Tau fibrils and rescue cognitive function in small animal models of Alzheimer's disease"
11:05–11:30	Coffee Break	
Chair: tbd		
11:30–12:00	**Invited Lecture 8**	**Michaela Filiou** University of Ioannina / BRI-FORTH, Greece Exploring lifestyle interventions in high anxiety populations
12:00–12:40	**Industry Presentations**	**Industry Presentations** 20 min KYRIAKIDIS *"Where Spectrophotometry Meets Imaging: Cell Phenotyping and Real-Time Growth Monitoring with Tecan Spark Cyto & DUO digital dispenser"* **Elli-Anna Stylianaki,** PhD, Molecular Biologist & Associate Researcher in the Molecular Virology Laboratory of Hellenic Pasteur Institute 20 min ANTISEL (από εκπρόσωπο της 10X Genomics και θα αφορά πρόσφατες καινοτόμες τεχνολογίες και εξελίξεις)



TIME	SESSION	PRESENTATION DETAILS / LOCATION
12:40–13:30	**Oral Presentations 6**	**Cellular Ageing, Organelle Homeostasis & Stress Responses**
12:40–12:52		**Alexander Haider · University of Patras [#94]** Licensing stress, senescence and chronic inflammation: Cellular adaptation to CDT1 over-expression
12:52–13:04		**Antonis Roussos · NKUA [#48]** Urolithin A restores mitochondrial and lysosomal homeostasis in a C. elegans model of Werner Syndrome
13:04–13:16		**Nikolaos Tataridas-Pallas · NKUA [#52]** CHN-1/CHIP coordinates PDR-1-dependent mitophagy and the mitochondrial unfolded protein response in Caenorhabditis elegans
13:16–13:28		**Filippos Dimtsas Archontoglou · AUTh [#109]** Age-dependent alternative splicing of atg-18 links RNA processing to autophagy and ageing
13:30–14:00	**Invited Lecture 9**	**George Lagoumintzis** School of Pharmacy, University of Patras, Greece “Microbial Metabolism and Drug Response: Lessons from Extreme and Everyday Perturbations of the Gut Ecosystem”
14:00–15:30	**Poster Session 2**	
Chair: tbd		
15:30–17:00	**Oral Presentations 7**	**Molecular & Cellular Basis of Human Diseases: Immunity & Inflammation**
15:30–15:42		**Anastasia-Maria Natsi · DUTH [#20]** Complement activation in fibroblast-like synoviocytes promotes integrin-mediated neutrophil adhesion and NET formation in rheumatoid arthritis
15:42–15:54		**Pavlos Simonopoulos · University of Ioannina [#34]** Platelets Prime Neutrophils for TF-Associated NETosis and Vascular Dysfunction in Limited Cutaneous Systemic Sclerosis
15:54–16:06		**Lamprini Efstathiou · University of Ioannina [#33]** From Complement Activation to Vascular Injury: A Thrombogenic NET Pathway in Dermatomyositis
16:06–16:18		**Athanasios Fileles · NKUA [#71]** Immunometabolic and Therapeutic Potential of an Annexin A1-Derived Peptide in Acute Liver Failure
16:18–16:30		**Aristotelis Petris · Hellenic Pasteur Institute [#121]** Helicobacter pylori excreted nucleases as potential immune-evasion factors
16:30–16:42		**Eleni Ntoukaki · Hellenic Pasteur Institute [#29]** Pharmacokinetic optimization of an antigen-specific therapy for myasthenia gravis
16:42–16:59		**Nikolas Dovrolis · DUTH [#25, 15′+2′]** When the Microbiome Talks to the Tumour: Metabolite–Receptor Signalling in Colorectal Cancer
17:00–17:30	**Invited Lecture 10**	**Ioannis Mitroulis** Democritus University of Thrace (DUTH), Greece Central Trained Immunity: Hematopoietic Reprogramming in Inflammation
17:30–18:00	**Invited Lecture 11**	**Georgios Chamilos** University of Crete / IMBB-FORTH, Greece “Novel mechanisms regulating fungal phagosome biogenesis in health and disease”



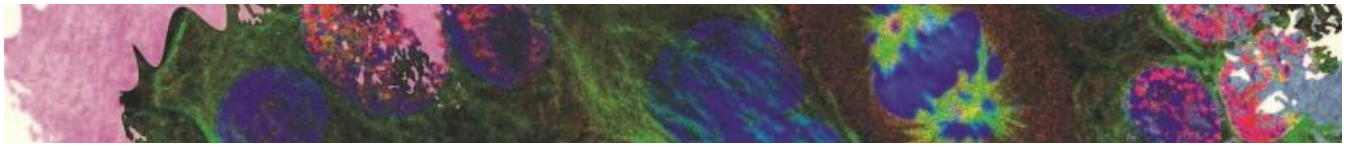
TIME	SESSION	PRESENTATION DETAILS / LOCATION
18:00–18:30	Coffee Break	
Chair: tbd		
18:30–19:00	**Invited Lecture 12**	**Themis Alissafi** National and Kapodistrian University of Athens (NKUA) / Biomedical Research Foundation of the Academy of Athens (BRFAA), Greece “Decoding Immune Regulatory Networks and Metabolic States in Health and Disease”
19:00–20:00	**Oral Presentations 8**	**Structure and Function of Macromolecules**
19:00–19:12		**Panagiotis Keramidas · AUTh [#35]** Interdisciplinary Research Sheds Light on SARS-Cov-2 ORF3a Function Regarding its Questionable Role as Calcium-Gated Viroporin
19:12–19:24		**Vasileios Xanthis · LMU Munich, Germany [#108]** Biochemical and Structural Characterization of p97 childhood-onset disease mutants
19:24–19:36		**Vasileios Vasileiou · AUTh [#160]** AlphaFold3 as a scalable framework for p53-DNA complexes: linking interface contacts to p53 hotspot mutations
19:36–19:53		**Nikolaos Eleftheriadis · University of Crete [#145΄]** The Hidden Catalytic Nature of ALOX15
19:53–20:00		Discussion / transition



Sunday 29 November 2026

Scientific Programme | Talks in the auditorium | Poster sessions in a separate area

TIME	SESSION	PRESENTATION DETAILS / LOCATION
Chair: _____		
09:00–10:30	**Oral Presentations 9**	**Gene Function, Stem Cells & Development**
09:00–09:12		**Aikaterini Koletti · Agricultural University of Athens [#39]** Insights into the role of CrCEP2 in Chlamydomonas reinhardtii oxidative stress adaptation
09:12–09:24		**Simona Yzaj · University of Thessaly [#184]** Identification and functional characterization of a candidate reproductive regulator in the Mediterranean fruit fly, Ceratitis capitata
09:24–09:36		**Eleni Kyriakou · NKUA [#153]** HERV-H proviral expression in NCCIT teratocarcinoma cells: a burst of alternative exonization at the service of pluripotency
09:36–09:48		**Eleni Gounari · AUTh [#106]** Modulation of Angiogenesis and Visual Cycle Gene Expression in an In Vitro Model of Age-Related Macular Degeneration: Effects of Bone Marrow-Derived Stem Cells and Vinpocetine
09:48–10:05		**Ioannis Bantounas · DUTH [#191]** Organoids derived from human pluripotent stem cells as disease models and as high-throughput drug screening tools
10:05–10:17		**Georgios Charitos · AUTh [#185]** Promoter-Proximal Elements Refine Neural Cell Fate Specification In Early Embryogenesis
10:17–10:29		**Konstantina Tzitzikou · BRFAA [#63]** The impact of stress hormone CRH on human brain development
10:30–11:00	**Invited Lecture 13**	**Christina Kyrousi** National and Kapodistrian University of Athens (NKUA), Greece “Decoding the mechanisms of human cortical development and disease”
11:00–11:30	Coffee Break	
11:30–12:30	**Oral Presentations 10**	**Molecular & Cellular Basis of Human Diseases: Mechanisms & Therapeutic Approaches**
11:30–11:42		**Gesthimani Panagiotopoulou · AUTh [#47]** The cylindromatosis tumor suppressor Cyld inhibits the growth of bladder carcinoma cell lines
11:42–11:54		**Eirini Gkogkou · NKUA [#118]** Multi-omics profiling of a doxorubicin-resistant osteosarcoma cell model
11:54–12:06		**Panagiota Golegou · University of Patras [#61]** Investigating the prognostic and functional role of the SOCE pathway in circulating tumor-derived cells from pancreatic cancer patients
12:06–12:18		**Poulentzas · AUTh / University of Trento, Italy [#73]** Discovery of a novel inhibitor of the YTHDF reader proteins of the m6A modification as a therapeutic approach in neuroblastoma
12:18–12:30		**Eirini Palamida · DUTH [#28, 10′+2′]** In Vivo Investigation of the Cardioprotective Benefits of Extra Virgin Olive Oil
12:30–14:00	**Poster Session 3**	



TIME	SESSION	PRESENTATION DETAILS / LOCATION
Chair: _____		
14:00–14:30	**Invited Lecture 14**	**Antonis Asiminas** Center for Translational Neuromedicine, University of Copenhagen, Denmark “Exploring Brain Physiology with Light: From Genetically Encoded Biosensors to Optogenetics”
14:30–15:00	**Invited Lecture 15**	**Panagiotis Chandris** Democritus University of Thrace (DUTH), Greece “Dissecting the Impact of West Nile Virus RNA on Cellular Homeostasis”
15:00–15:30	Closing Session - Awards	