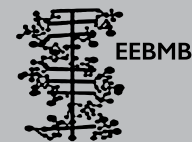


FRIDAY 1.12.23



EEBMB

AUDITORIUM

CONFERENCE HALL

	Chairs: E. Douni, L. Zagoraiou	
08:50-10:30	SHORT TALKS 1 Cell Communication & Signaling	
10:30-11:00	INVITED LECTURE 1 Georgios Skretas Tailoring Bacteria for Precision Recombinant Protein Production <i>Biomedical Sciences Research Center "Alexander Fleming", Vari, Greece</i> <i>National Hellenic Research Foundation, Athens, Greece</i>	
11:00-11:30	COFFEE BREAK	
	Chairs: V. Kostourou, A. Dimitriadis	Chairs: V. Koumandou, C. Nikolaou
11:30-13:00	SHORT TALKS 2 Structure and Function of Macromolecules Cell Organization & Function	11:30-12:40 SHORT TALKS 3 Systems Biology & Bioinformatics
13:00-13:30	INVITED LECTURE 2 Dimitrios Beis Zebrafish models of Human Disease <i>University of Ioannina, Greece</i>	
13:30-14:00	SPONSORED LECTURE 1 Modulating & Analyzing the Inflammatory Response Colm Ryan <i>CEO and co-founder of Assay Genie, Ireland</i>	<i>Lab Supplies Scientific</i>
14:00-16:00	POSTER SESSION 1 Cell Organization & Function Development & Differentiation Stem Cells, Tissue Morphogenesis & Regeneration Structure and Function of Macromolecules Molecular & Cellular Basis of Human Diseases I	
	Chairs: D. Sgouras, R. Tsitsiloni	
16:00-18:00	SHORT TALKS 4 Molecular & Cellular Basis of Human Diseases I	
18:00-18:30	COFFEE BREAK	



FRIDAY 1.12.23

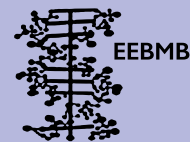


AUDITORIUM

**CONFERENCE
HALL**

	Chairs: N. Karamanos, E. Douni, Em. Fragoulis, D. Kletsas	
18:30-19:00	OPENING CEREMONY Welcome Addresses Eleni Douni, <i>Chairman of the Organizing Committee</i> Nikos Karamanos, <i>Chairman of the HSBMB</i> Dimitris Kletsas, <i>Vice-Chairman of the HSBMB</i> Emmanuel Fragoulis, <i>Chairman, Science & Society Committee, FEBS</i>	
19:00-19:45	PLENARY LECTURE 1 Luca Scorrano Unbiased approaches shed light on mitochondrial fission and contacts with the endoplasmic reticulum <i>University of Padua, Italy</i>	
19:45-20:30	PLENARY LECTURE 2 Evrpidis Gavathiotis Dissecting and Targeting Cell Death Mechanisms <i>Albert Einstein College of Medicine, USA</i>	
20:30	WELCOME COCKTAIL	

SATURDAY 2.12.23

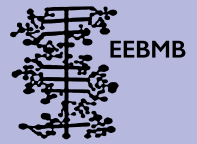


EEBMB

AUDITORIUM**CONFERENCE
HALL**

	Chairs: T. Choli-Papadopoulou, M. Samiotaki	Chairs: C. Stathopoulos, A. Scorilas
08:50-10:30	SHORT TALKS 5 Functional Genomics and Proteomics Biotechnology of Plants & Microorganisms	09:00-10:00 SHORT TALKS 6 RNA Biology
10:30-11:00	INVITED LECTURE 3 Ioanna Keklikoglou Dissecting the mechanisms underlying metastasis formation after neoadjuvant chemotherapy <i>University of Crete, Greece</i>	
11:00-11:30	COFFEE BREAK	
	Chairs: G. Mosialos, N. Chondrogianni	
11:30-12:00	INVITED LECTURE 4 Theodora Koromila Spatiotemporal dynamics of early embryonic development <i>Aristotle University of Thessaloniki, Greece</i>	
12:00-12:45	PLENARY LECTURE 3 Ivan Dikic ER remodelling via ubiquitin and autophagy pathways <i>Goethe University Frankfurt, Germany</i>	
12:45-13:15	SHORT TALKS 7 Development & Differentiation	
13:15-13:45	SPONSORED LECTURE 2 Combining qualitative and quantitative workflows: the revolution with the ZenoTOF 7600 system in Omics Marialuce Maldini <i>Advanced Workflow Specialist, HGM, Sciex</i>	

SATURDAY 2.12.23

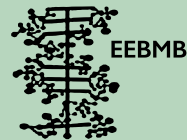


AUDITORIUM

CONFERENCE
HALL

13:45-16:00	POSTER SESSION 2 Biotechnology of Plants & Microorganisms Cell Communication & Signaling DNA damage/repair Functional Genomics and Proteomics RNA Biology Cellular Ageing Development & Differentiation GENERAL ASSEMBLY HSBMB	
	Chairs: M. Lekka, I. Trougakos	
16:00-18:00	SHORT TALKS 8 Molecular & Cellular Basis of Human Diseases II	
18:00-18:30	SPONSORED LECTURE 3 ReWarD Customers Through Technology, Quality and Talents Susan Wu <i>RWD, Technical Sales Manager, China</i>	<i>Lab Supplies Scientific</i>
18:30-19:00	COFFEE BREAK	
	Chairs: A. Moustakas, D. Milioni	
19:00-19:45	PLENARY LECTURE 4 Evi Heldin Mechanism of hyaluronan signaling via CD44 <i>Ludwig Institute for Cancer Research, Sweden</i>	
19:45-20:30	PLENARY LECTURE 5 Liam Dolan The formation of stem cell organizing centres in plants from scratch <i>Gregor Mendel Institute of Molecular Plant Biology, Austria</i>	

SUNDAY 3.12.23



AUDITORIUM

**CONFERENCE
HALL**

	Chairs: A. Theocharis, T. Kalogeropoulou	
09:00-10:30	SHORT TALKS 9 Chemical Biology Stem Cells, Tissue Morphogenesis & Regeneration	
10:30- 11:00	INVITED LECTURE 5 Zoi Piperigkou The expanding boundaries of ECM remodeling in cancer <i>University of Patras, Greece</i>	
COFFEE BREAK		
11:30-13:30	POSTER SESSION 3 Chemical Biology Regulation of Gene Expression & Epigenetics Systems Biology & Bioinformatics Molecular & Cellular Basis of Human Diseases II	
	Chairs: G. Simos, P. Politis	
13:30-14:30	SHORT TALKS 10 Regulation of Gene Expression & Epigenetics	
14:30-15:00	INVITED LECTURE 6 Georgia Chachami Emerging roles of SUMOylation in response to hypoxia <i>University of Thessaly, Greece</i>	
15:00-15:30	INVITED LECTURE 7 Dimitra Thomaidou Astrocyte reprogramming / activation and brain homeostasis <i>Hellenic Pasteur Institute, Greece</i>	
15:30 -16:00	CLOSING SESSION - AWARDS	

SPONSORED LECTURES

Friday 1 December

AUDITORIUM

13:30-14:00

SPONSORED LECTURE 1

Lab Supplies
Scientific

Modulating & Analyzing the Inflammatory Response

Colm Ryan, *CEO and co-founder of Assay Genie, Ireland*

Assay Genie provide over 120,000 immunoassays, antibodies and proteins to R&D scientists. Based in Dublin, Ireland and working with scientists in over 80 countries, they have developed assay kits & antibodies to accelerate immunology R&D.

Key Technologies include:

- In vivo antibodies for mouse immuno-oncology
- Validated ELISA
- Animal model biomarker ELISA
- Multiplex immunoassays
- Immunometabolism assays
- Bioactive drug target proteins & Biosimilars
- T-cell/NK Signalling Discovery Assays
- Therapeutic Antibody & ADA monitoring kits

Assay Genie's mission is to make scientists smile through remarkable interactions with their scientific support team & innovative technologies to accelerate research & development.

<https://www.assaygenie.com/>

Saturday 2 December

AUDITORIUM

13:15-13:45

SPONSORED LECTURE 2

ANTISEL

Combining qualitative and quantitative workflows:
the revolution with the ZenoTOF 7600 system in Omics

Marialuce Maldini, *PhD, Advanced Workflow Specialist, HGM, Sciex Italy*

A consistent demand on the performance of mass spectrometers is high sensitivity. The fact that accurate mass instruments lose sensitivity because of their lower duty cycle is often overlooked. The Zeno trap on the **SCIEX ZenoTOF 7600** system increases duty cycle to >90% across the entire mass range when performing MS/MS. This can equate to sensitivity gains in the range of 4-20x.

In addition, to increasing in fragment coverage, the alternative selectivity with EAD can be utilized for quantification and full characterization of compounds which have limited or non-selective fragmentation by using CID.

Examples show the power of the Zeno trap for lowering limits of quantification (LOQ), lowering required sample amounts and enabling quantitative assays in complex matrices where sensitivity challenges can greatly hinder assays from being developed.

Saturday 2 December

AUDITORIUM

18:00-18:30

SPONSORED LECTURE 3

Lab Supplies
Scientific

ReWarD Customers Through Technology, Quality and Talents

Susan Wu, *RWD, Technical Sales Manager, China*

RWD is a world's leading manufacturer of life science research instruments, and medical devices, specializing in the fields of respiratory anesthesia, neuroscience research, animal behavior research, surgery and nursing, and pathological analysis, animal health. Since 2002, headquartered in China, branch in USA, we have rolled out products and services for over 100 countries and regions, already serviced 6,000+ universities, 1,000+research institutes, 300+hospitals, 11,000+veterinary clinics, gaining constant trust and support from global customers after our efforts.

The product range includes lab animal research equipment including anesthesia machine, stereotaxic, etc, cell & molecular biology, histopathological diagnosis, and veterinary medical equipment.