

## Friday, March 17<sup>th</sup>

8:30		Registration & Coffee
Opening		
9:00		Welcome Address CSHG - <i>Carsten W. Lederer, President</i>
9:10		Welcome Address Ministry of Health - <i>Christina Yiannaki, Permanent Secretary</i>
9:20	Keynote Lecture	"[art] x [science]" - <i>Marisa Satsia</i>
	Session 1	<b>Biobanking and Open-data Science</b> <i>Chairs: Harris Stefanou &amp; Gregory Papagregoriou</i>
10:00	Invited Lecture	Biobanking requirements for onco-genetics <i>Karine Sargsyan, Cedars Sinai Los Angeles US, Medical University of Graz</i>
10:30	Invited Lecture	Pan-European electronic patient registries for rare haematological diseases <i>Petros Kountouris, Cyprus Institute of Neurology &amp; Genetics</i>
10:50	Coffee Break	
11:10	Invited Lecture	Capitalizing on a National Biological Repository to Characterize the Cyprus Genome <i>Pavlos Costeas, Karaiskakio Foundation</i>
11:30	Invited Lecture	Biobanking and next generation biomedical research: Quō vādis <i>Constantinos Deltas, University of Cyprus, School of Medicine and Center of Excellence in Biobanking and Biomedical Research, biobank.cy</i>
11:50	Selected Abstract	Characterization of microRNA's differential expression during puberty in female mice <i>Maria Morrou, Cyprus Institute of Neurology &amp; Genetics</i>
12:02	Selected Abstract	Genetic analysis of inherited cardiac diseases in Cypriot patients <i>Despina Vangeli, University of Cyprus</i>
12:14	Round-table Discussion - <i>All session speakers</i>	
12:44	Lunch Break	
	Session 2	<b>Cancer Diagnosis, Mechanisms &amp; Therapies</b> <i>Chairs: Alexia Eliades &amp; Kyriaki Michailidou</i>
14:04	Invited Lecture	Surprising targets for CAR T cell therapy <i>Sébastien Wälchli, Oslo University Hospital</i>
14:34	Invited Lecture	Exploring the heterogeneity of neuroblastoma and other childhood cancers <i>Kirsti Marie Gjersvoll Paulsen, Oslo University Hospital</i>
15:04	Invited Lecture	From CRISPR-Cas9 drop-out and enrichment screens to novel therapeutic approaches <i>Vassilia Tamamouna, The Center for the Study of Haematological and other Malignancies</i>
15:24	Selected Abstract	Large scale case-control analyses of BRCA1 and BRCA2 <i>Denise G. O'Mahony, Cyprus Institute of Neurology &amp; Genetics</i>

15:36	Selected Abstract	Evaluation of the differences in the breast cancer polygenic risk score distribution in individuals from different European ancestry populations <i>Kristia Yiangou, Cyprus Institute of Neurology &amp; Genetics</i>
15:48	Selected Abstract	Evaluation of the spatiotemporal intratumor molecular heterogeneity in tumor and liquid biopsies from patients with metastatic colorectal cancer <i>Alexia Eliades, Medicover Genetics</i>
16:00	Coffee Break & Posters	
<b>Session 3</b>		
Therapies for Inherited Disorders <i>Chairs: Carsten W Lederer &amp; Sébastien Wälchli</i>		
17:00	Invited Lecture	Gene therapies for CMT inherited neuropathies: are we getting closer? <i>Kleopas Kleopa, Cyprus Institute of Neurology &amp; Genetics</i>
17:20	Invited Lecture	Genome editing for founder diseases: Lesson from DADA2 <i>Pavel Kopicil, Centre for Molecular Medicine Norway</i>
17:50	Selected Abstract	Genome editing for beta-haemoglobinopathies without double-strand DNA cleavage <i>Nikoletta Papaioannou, Cyprus Institute of Neurology &amp; Genetics</i>
18:02	Selected Abstract	Preclinical validation of HBIVSI-110(G>A)-specific gene editing as advanced therapy for thalassemia <i>Petros Patsali, Cyprus Institute of Neurology &amp; Genetics</i>
18:14	Selected Abstract	A novel hotspot ATP1A1 variant and its functional evaluation in a demyelinating Charcot-Marie-Tooth patient <i>Feride Cinarli Yuksel, Cyprus Institute of Neurology &amp; Genetics</i>
20:00	Conference Dinner Palaia Ilektriki	

## Saturday, March 18<sup>th</sup>

8:30	Registration & Coffee	
<b>Session 4</b>		
Counselling & Bioethics <i>Chairs: Violetta Anastasiadou &amp; Thessalia Papasavva</i>		
9:00	Invited Lecture	The Concept of Genetic Privacy <i>Georgia Charalambidou, University of Cyprus, Center of Excellence in Biobanking and Biomedical Research, biobank.cy</i>
9:20	Invited Lecture	Genetic counselling; A hybrid profession <i>Elena Spanou, Cyprus Institute of Neurology &amp; Genetics</i>
9:40	Invited Lecture	The patient's perspective on a chronic, genetic condition. <i>Miltos Miltiadous, Cyprus Thalassaemia Association</i>
10:00	Invited Lecture	Is it time to revisit the written informed consent? <i>Marios Cariolou, Cyprus Institute of Neurology &amp; Genetics</i>
10:20	Round-table Discussion	
10:50	Coffee Break	
<b>Session 5</b>		
Medical & Reproductive Genetics <i>Chairs: Panayiotis Myrianthopoulos &amp; Elena Kypri</i>		
11:10	Invited Lecture	Universal PGT: achievements and challenges <i>Eftychia Dimitriadou, KU Leuven</i>

11:40	Invited Lecture	Clinical application, safety, and efficacy of Day 4 biopsy for preimplantation genetic testing. A retrospective cohort analysis. <i>George Liperis, University of Sydney</i>
12:00	Invited Lecture	Targeted exome sequencing in fetuses with ultrasound findings: a powerful tool in prenatal diagnosis <i>Vasiliki Chini, Intergenetics by Medcover</i>
12:30	Selected Abstract	A novel SMN1 splicing variant disrupts the expression of the functional SMN1 transcript and expands the spectrum of the SMN1 conventional variants <i>Christina Votsi, Cyprus Institute of Neurology &amp; Genetics</i>
12:42	Selected Abstract	Fetal genetic factors associated with sonographic abnormalities and pregnancy loss <i>Andrea Hadjipanteli, Cyprus Institute of Neurology &amp; Genetics</i>
12:54	Selected Abstract	Expanding the prenatal phenotype of WT1 related disorder <i>Sofia Ourani, Archbishop Makarios III Hospital</i>
13:06		Lunch Break
14:06	Platinum Sponsor Presentation	TBD - <i>Elias Chris Tzortzatos, Lab Supplies</i>
14:26	Platinum Sponsor Presentation	Precision oncology for everyone <i>Gisncarlo Pruneri, Fondazione IRCCS Istituto Nazionale Tumori</i>
<b>Session 6</b>		<b>Novel Biomarkers &amp; Mechanistic Insights</b> <i>Chairs: Marios Ioannides &amp; Marios Phylactides</i>
14:46	Invited Lecture	The metastatic spread of breast cancer accelerates during sleep <i>Zoi Diamantopoulou, Swiss Federal Institute of Technology (ETH) Zurich</i>
15:16	Invited Lecture	Temporal dynamics of metastatic breast cancer lung colonization <i>Panos Papageorgis, European University Cyprus</i>
15:36	Invited Lecture	TBD (Bioinformatics Cancer insights) <i>Vessela N. Kristensen, Oslo University Hospital</i>
16:06	Invited Lecture	Gaining insights for candidate biomarkers, candidate repurposed drugs and disease-related mechanisms through network-based bioinformatics approaches <i>George Spyrou, Cyprus Institute of Neurology &amp; Genetics</i>
16:26	Selected Abstract	Muscle-specific miRNAs as potential monitoring biomarkers of muscle wasting progression in DM1 <i>Kristia Georgiou, Cyprus Institute of Neurology &amp; Genetics</i>
16:38	Selected Abstract	Investigation of the role of anoctamin 10 protein in cell division <i>Androniki Chrysanthou, Cyprus Institute of Neurology &amp; Genetics</i>
16:50	Special Announcement	Local Exhibition: Women of Mathematics from around the World: a Gallery of Portraits" <i>Margarita Zachariou, Cyprus Institute of Neurology &amp; Genetics</i>
		Closing
16:55		Announcement of Best Poster and Best Selected Abstract awards; CSHG/ESHG award
17:10		CSHG announcements (Achievements, Acknowledgements and Good-byes)