

Conference Programme

Friday, 24th November 2017

14:30 – 15:10 h			Registration / Coffee		
15:10 – 15:25 h	Welcome Addresses		Philippos Patsalis, CSHG President		
15:25 – 15:40 h	Welcome Addresses		George Pamboridis, Minister of Health		
15:40 – 16:20 h	<i>Keynote Lecture – Breast and ovarian cancer susceptibility: what have we learned from large international consortia?</i>		Antonis C. Antoniou (University of Cambridge, UK)		
Session 1	Molecular Basis of Disease		Chairs: Leonidas Phylactou & Costantinos Deltas		
16:20 – 16:40 h	<i>Systems Bioinformatics: analysing molecular networks towards computational biomarker and drug discovery</i> ^[IA1]		George Spyrou (Cyprus Institute of Neurology and Genetics)		
16:40 – 17:00 h	<i>Host and Viral Factors in HIV-1 Disease</i> ^[IA2]		Leondios Kostrikis (University of Cyprus)		
17:00 – 17:20 h	Towards a “natural” way of altering smoking behavior: interfering with nicotine metabolism ^[IA3]		Lefteris Zaharias (University of Nicosia)		
17:20 – 17:40 h	Coffee break				
17:40 – 18:00 h	<i>Alport syndrome: From molecular genetics to cell biology and a preclinical trial in a mouse model</i> ^[IA4]		Constantinos Deltas (University of Cyprus)		
18:00 – 18:20	<i>Genetic associations in Obstetrics and Gynecology</i> ^[IA5]		Stephania Papatheodorou (Cyprus University of Technology)		
18:20 – 18:40 h	<i>Autophagy modulation and cardiac remodelling attenuation in diabetic cardiomyopathy after activation of Peroxisome Proliferator – Activated Receptor beta/delta (PPARbeta/delta)</i> ^[SA1]		Eleftheria Galatou (University of Nicosia)		
18:40 – 19:00 h	<i>The glycogen-binding protein Stbd1 is required for glycogen synthesis in response to ER stress</i> ^[SA2]		Andria Lytridou (Cyprus Institute of Neurology Genetics)		
19:00-20:00 h	General Assembly of the CSHG				
20:30 h	Gala Dinner		Social House, Nicosia		

All coffee breaks are sponsored by Bayer Novagem.



The Keynote Lectures are sponsored by NIPD Genetics Public Company Ltd. and University of Nicosia.



Saturday, 25th November 2017

9:00 – 9:40 h		
Registration/Coffee/Poster Installation		
Session 2	Diagnostics and Therapeutics	Chairs: Philippos Patsalis & Kyriacos Felekis
9:40 – 10:20 h	Keynote Lecture – <i>The 100,000 Genome Project - Transforming the way we deliver healthcare in the NH</i>	Angela Douglas Liverpool Women's Hospital, (NHS, UK)
10:20 – 10:40 h	<i>Developing a new generation NIPT that enables the widespread use of prenatal diagnosis for all pregnant women</i> ^[IA6]	Philippos Patsalis (NIPD Genetics)
10:40 – 11:00 h	<i>Molecular investigation of neurogenetic diseases; from past to the future</i> ^[IA7]	Kyproulla Chrystodoulou (Cyprus Institute of Neurology and Genetics)
11:00 – 11:20 h	Coffee Break	
11:20 – 11:40 h	<i>Comparative proteomic analysis of mouse kidney with systemic lupus erythematosus</i> ^[SA3]	Orthodoxia Nicolaou (Cyprus Institute of Neurology and Genetics)
11:40 – 12:00 h	<i>Classifying Variants of Unknown Significance by Combining Polygenic Risk Score and Network Analysis</i> ^[SA4]	Anastasis Oulas (Cyprus Institute of Neurology and Genetics)
12:00 – 12:20 h	<i>Non-invasive Prenatal Testing of microdeletion syndromes.</i> ^[SA5]	George Koumbaris (NIPD Genetics)
12:20 – 12:40 h	<i>Cryptic complexity and disease candidate genes identified in [de novo] apparently balanced translocations using whole-genome mate-pair sequencing</i> ^[SA6]	Constantia Aristidou (Cyprus Institute of Neurology and Genetics)
12:40 – 14:00 h	Lunch Break / Poster Viewing	
Session 3	Diagnostics and Therapeutics	Marina Kleanthous & Maria Pantelidou
14:00 – 14:20 h	<i>Developing novel RNA aptamers for therapeutic delivery in muscular dystrophy</i> ^[IA8]	Leonidas Phylactou (Cyprus Institute of Neurology and Genetics)
14:20 – 14:40 h	<i>Novel DprE1 inhibitors active against Mycobacterium tuberculosis</i> ^[IA9]	Eleni Pitta (Frederick University)
14:40 – 15:00 h	<i>Development of non-invasive method for assessing circulating tumour DNA in patients with solid tumours.</i> ^[SA7]	Alexia Eliades (NIPD Genetics)
15:00 – 15:20 h	<i>Sensitivity of non-invasive prenatal for cancer detection and treatment response in pregnant women</i> ^[SA8]	Maria Neofytou (KU Leuven)
15:20 – 15:40 h	Coffee Break	
15:40 – 16:00 h	<i>Gene correction at clinically relevant efficiencies by non-viral delivery and disruption of an aberrant regulatory element</i> ^[SA9]	Petros Patsali (Cyprus Institute of Neurology and Genetics)
16:00 – 16:20 h	<i>Identification of Exosomal Muscle-Specific miRNAs in Serum of Myotonic Dystrophy Patients Relating to Muscle Disease Progress</i> ^[SA10]	Andrie Koutsoulidou (Cyprus Institute of Neurology and Genetics)
16:20 – 16:40 h	<i>THE A1 CHROMATIN INSULATOR protects a beta-globin vector from vector-induced GENOTOXICITY</i> ^[SA11]	Penelope Papayanni (Aristotle University of Thessaloniki)
16:40 – 17:00 h	Poster Award Presentation / Closing Remarks	