

Preliminary program SSIEM 2019

Day 1	Tuesday 3 September 2019
14.00-16.00	Plenary Session 1: Opening session
14.00-14.30	Opening SSIEM
14.30-15.00	Hans Clevers (UMC Utrecht / Hubrecht Institute, The Netherlands) <i>Title: Organoids as models of human disease</i>
15.00-15.30	Jan Hoeijmakers (Erasmus MC, Rotterdam, The Netherlands) <i>Title: The role of DNA damage repair and transcription stress in aging and the impact of nutrition</i>
15.30-16.00	Andrea Ballabio (University Federico II, Naples, Italy) <i>Title: The lysosome as a control center of cell metabolism</i>
16.00-16.30	Coffee Break
16.30-18.00	Plenary Session 2: RNA based therapy and Gene therapy <i>Chairs:</i>
16.30-17.00	Alberto Auricchio (Telethon Institute of Genetics and Medicine (TIGEM), Naples, Italy) <i>Title: AAV gene therapy for inherited diseases</i>
17.00-17.30	Alessandra Biffi (Harvard Stem Cell Institute, Cambridge, USA) <i>Title: HSC gene therapy for neurometabolic and neurodegenerative disorders</i>
17.30-18.00	Annemieke Aartsma Rus (Leiden University Medical Center, The Netherlands) <i>Title: Opportunities and challenges for RNA and DNA therapy development</i>
18.00-18.30	GARROD AWARD LECTURE

Day 2	Wednesday 4 September 2019			
9:00-10:30	Parallel Sessions 1			
	Session 1A: Gene therapy <i>Chair:</i>	Session 1B: Amino acid disorders (including PKU) and urea cycle disorders <i>Chair:</i>	Session 1C: Disorders of purines, pyrimidines, porphyrias and vitamins <i>Chair:</i>	Session 1D: Glycosylation and carbohydrate disorders <i>Chair: Dirk Lefeber & Eva Morava</i>
09:00-09:15	5-6 Abstract-based presentations	5-6 Abstract-based presentations	5-6 Abstract-based presentations	5-6 Abstract-based presentations
09:15-09:30				
09:30-09:45				
09:45-10:00				
10:00-10:15				
10:15-10:30				
10:30-11:00	Coffee Break			

Day 2 Continued	Wednesday 4 September 2019			
11.00-12.30	Plenary Session 3: Regenerative medicine <i>Chairs:</i>			
11.00-11.30	Christine Mummery (Leiden University Medical Center, the Netherlands) <i>Title: Human induced pluripotent stem cells come of age in modeling cardiovascular disease</i>			
11.30-12.00	Graziella Pellegrini (University of Modena and Reggio Emilia, Modena, Italy) <i>Title: Hurdles in successful examples of stem cell-based regenerative medicine</i>			
12.00-12.30	Stephen Strom (Karolinska Institute, Stockholm, Sweden) <i>On Ex vivo gene editing studies with human hepatocytes from patients with urea cycle defects</i>			
12:30-14:30	LUNCH / POSTER VIEWING			
14:30-16:00	Parallel Sessions 2			
	Session 2A: Advances in omics (metabolomics / lipidomics / glycomics etc) <i>Chair:</i>	Session 2B: Organic acidurias <i>Chair:</i>	Session 2C: Lysosomal storage disorders <i>Chair:</i>	Session 2C: Nutrition & dietetics <i>Chair:</i>
14:30-14:45	5-6 Abstract-based presentations	5-6 Abstract-based presentations	5-6 Abstract-based presentations	Jong Rho (Calgary, Canada) – <i>working mechanism of ketogenic diet</i>
14:45-15:00				
15:00-15:15				
15:15-15:30				
15:30-15:45				
15:45-16:00				
16:00-16:30	Coffee break			
16.30-18.00	Plenary Session 4: Mitochondrial <i>Chairs:</i>			
16.30-17.00	Marni J. Falk (Children's Hospital of Philadelphia, USA) <i>On Advances in clinical diagnosis, treatment and prevention of mitochondrial disease</i>			
17.00-17.30	Eric A Schon (Columbia University, New York, USA) <i>On Mitochondrial associated membrane and mito-ER links</i>			
17.30-18.00	Shamima Rahman (UCL GOS, Institute of Child Health, London, United Kingdom) <i>On The state of art of clinical trials</i>			
18:00 – 20:00	POSTER WALK			

Day 3	Thursday 5 September 2019			
09.00-10.30	Plenary session 5: Metabolomics / System biology <i>Chairs:</i>			
09.00-09.30	Ines Thiele (University of Luxembourg, Luxembourg) <i>Title: Modeling human metabolism in health and disease</i>			
09.30-10.00	Thomas Hankemeijer (University of Leiden, The Netherlands) <i>On Innovative analytical tools for metabolomics-driven systems biology in personalized health strategies. Metabolomics & high throughput analysis to investigate monogenetic and complex disorders.</i>			
10.00-10.30	Carmen Argmann (Icahn School of Medicine at Mount Sinai, New York, USA) <i>On Generating network models in inflammatory bowel disease; finding novel human beta cell regeneration strategies for Type 2 Diabetes and uncovering genetic modifiers of screenable inborn errors of metabolism to explain discrepancies between genotype and phenotype.</i>			
10:30-11:00	Coffee break			
11:00-12:30	Parallel Sessions 3			
	Session 3A: Disease modeling <i>Chair:</i>	Session 3B: Disorders of fatty acid oxidation, and metabolic myopathies <i>Chair: Ron Wanders & Ute Spiekercötter</i>	Session 3C: Peroxisomal disorders and bile acid synthesis defects <i>Chair::</i>	
11:00-11:15	5-6 Abstract-based presentations	5-6 Abstract-based presentations	5-6 Abstract-based presentations	
11:15-11:30				
11:30-11:45				
11:45-12:00				
12:00-12:15				
12:15-12:30				
12:30-14:00	LUNCH / POSTER VIEWING			
14:00-15:30	Parallel Sessions 4			
	Session 4A: New diseases <i>Chair:</i>	Session 4B: Metabolic disorders in adults <i>Chair:</i>	Session 4C: Mitochondrial disorders <i>Chair:</i>	EDUCATIONAL SESSION: CRISPR-CAS
14:00-14:15	5-6 Abstract-based presentations	5-6 Abstract-based presentations	5-6 Abstract-based presentations	
14:15-14:30				
14:30-14:45				
14:45-15:00				
15:00-15:15				
15:15-15:30				

Day 4	Friday 6 September 2019
09.00-10.30	Plenary Session 6: Lysosomes-Innovative insights <i>Chairs:</i>
09.00-09.30	Speaker to be announced
9:30-10:00	Marjan Huizing (National Human Genome Research Institute, Bethesda, USA) <i>On Lysosomal related organelles and disorders of sialic acid metabolism which provides innovative views on intracellular trafficking and potential pathways for innovative therapies</i>
10:00-10:30	Paul Saftig (Institute of Biochemistry, Kiel University, Germany) <i>On Disorders and functions of lysosomal membrane proteins</i>
10:30-11:00	Coffee break
11:00-11:45	KOMROWER LECTURE
12:00-13:00	Late Breaking News Session
12:00-12:15	Oral presentation TBA
12:15-12:30	Oral presentation TBA
12:30-12:45	Oral presentation TBA
12:45-13:00	Oral presentation TBA
13:00-13:30	Awards Presentation Closing remarks