

6th World Congress on Hydrogen Sulfide in Biology & Medicine

Budapest, 28 - 30 May, 2020

SCIENTIFIC PROGRAM

Thursday May 28th

	08:00-17:00	Registration	
	09:00-09:10	Opening Remarks Miklós Kásler	
	09:10-10:00	Louis J. Ignarro	NO is Not Just Blown' in the Wind
	10:00-10:20	Coffee/Tea Break	
	MOLECULAR MECHANISMS		
Session 1	10:20-11:10	Takaaki Akaike	Reactive persulfide regulation of redox signaling and immune response
	11:10-11:35	Tobias P. Dick	Mechanisms of sulfane sulfur mediated cytoprotection
	11:35-12:00	Éva Dóka	Control of protein function through oxidation and reduction of persulfidated states
	12:00-12:25	Fumito Ichinose	Sulfide catabolism and hypoxia
	12:25-12:50	Yoshito Kumagai	TBA
	12:50-13:05	Selected Lecture	TBA
	13:05-14:00	Lunch	
	CHEMISTRY		
Session 2	14:00-14:30	Symposium	TBA
	14:30-15:20	Jon M. Fukuto	Studies on the Chemical Biology of Hydropersulfides: Cellular Protective Effects
	15:20-15:45	Michael Pluth	Chemical Tools for Reactive Sulfur Species Delivery
	15:45-16:10	Juan López-Garriga	Sulfheme Protein Systems: Formation, Mechanisms, and Biomedical Implications
	16:10-16:35	Kenneth R. Olson	Reactive Sulfur Species, The New Paradigm In Redox Biology
	16:35-17:00	TBA	TBA
	17:00-17:15	Selected Lecture	TBA
	17:15-19:00	Poster Session 1	
	19:00	Dinner	

Friday May 29th

	METABOLISM		
Session 3	08:00-08:50	Ruma Banerjee	Metabolic Reprogramming by Hydrogen Sulfide
	08:50-09:15	Andreas Papapetropoulos	Regulation of cell metabolism by H ₂ S
	09:15-09:40	Rui Wang	The roles of hydrogen sulfide in mitochondrion-dependent and -independent bioenergetics
	09:40-10:05	Viktor Kozich	Inborn errors of metabolism: a window into hydrogen sulfide metabolism
	10:05-10:30	Guenter Schwarz	Sulfite oxidase in health and disease: Unexpected links cysteine catabolism and H ₂ S homeostasis
	10:30-10:45	Selected Lecture	TBA
	10:45-11:00	Coffee/Tea Break	
	MITOCHONDRION		
Session 4	11:00-11:50	Csaba Szabó	Pathogenetic role of hydrogen sulfide in Down Syndrome
	11:50-12:15	Matthew Whiteman	Mitochondria-targeted sulfide delivery molecules
	12:15-12:40	Frédéric Bouillaud	Sulfide, bioenergetics and pathophysiology
	12:40-13:05	Hozumi Motohashi	TBA
	13:05-13:20	Selected Lecture	TBA
	13:20-13:35	Selected Lecture	TBA
	13:35-14:30	Lunch	
	DRUG DISCOVERY		
Session 5	14:30-15:20	John L. Wallace	Hydrogen Sulfide-Based Therapeutics: A Journey of Surprises
	15:20-15:45	Harry van Goor	Therapeutical interventions using sodium thiosulfate
	15:45-16:10	Hideo Kimura	Production and function of hydrogen sulfide and polysulfides
	16:10-16:35	Erika Pintér	TBA
	16:35-16:50	Selected Lecture	TBA
	16:50-17:05	Selected Lecture	TBA
	17:05-17:20	Selected Lecture	TBA
	17:20-19:00	Poster Session 2	
	19:00	Conference dinner and Presentation of poster prizes	

Saturday May 30th

	CARDIOVASCULAR FUNCTIONS		
Session 6	08:00-08:50	Chris Kevil	TBA
	08:50-09:15	Martin Feelisch	Cross-talk of NO and H ₂ S in cardiovascular physiology
	09:15-09:40	Zhen Li	Endogenous H ₂ S Enzymes in Cardiovascular Physiology and Disease
	09:40-10:05	József Balla	Vascular calcification and hydrogen sulfide
	10:05-10:30	Miriam Cortese-Krott	TBA
	10:30-10:45	Selected Lecture	TBA
	10:45-11:00	Coffee/Tea Break	
	CLINICAL RESEARCH		
Session 7	11:00-11:50	Giuseppe Cirino	The role of CSE- derived hydrogen sulfide in cardiovascular homeostasis
	11:50-12:15	James R. Mitchell	Hydrogen sulfide and the biology of aging
	12:15-12:40	Asif Ahmed	Is hydrogen sulfide a panacea for preeclampsia and fetal growth restriction?
	12:40-13:05	Bindu D. Paul	Role of Hydrogen sulfide in aging and age-related neurodegenerative disorders
	13:05-13:20	Selected Lecture	TBA
	13:20-13:35	Selected Lecture	TBA
	13:35	Closing remarks	