

9:00 AM		Conference Begins		
9:00 AM		Opening Ceremony and Welcome	Tyler W. LeBaron, MSc., PhD.	
9:15 AM		<b>Opening Keynote by the Organizers:</b> Hydrogen Gas as a Treatment for Ischemia in ECPR Events	Prof. John Kheir, MD.	
10:00 AM		<b>Invited Guest Opening Keynote:</b> Overview of Hydrogen Medicine from the Initiation to Future Mission	Prof. Shigeo Ohta, PhD.	
11:00 AM		BREAKOUT SESSION I Fundamental Principles and Biological Mechanisms of Hydrogen Medicine		
Ticket Option	Academic	General Public	Presentation Name	Speaker
FREE	●	●	Molecular Hydrogen as a Potential Modulator of Brain Metabolism	Prof. Sergej M. Ostojic, MD, PhD.
	●	●	Molecular Hydrogen: Brief Overview of History, Action and Uses	Prof. John Hancock, PhD.
	●		From Energy to Evolution: The Origin of Hydrogen Functions in Eukaryote	Prof. Xuemei Ma, PhD.
VIP & CEU	●		From the Fundamental Principle of H2 Medicine to the Development of H2-delivering Biomaterials	Prof. Qianjun He, PhD.
	●	●	The Place of Hydrogen in the Family of Medical Gases	Prof. Eugene Iv. Nazarov, MSc., PhD.
	●	●	Therapeutic Potential of Hydrogen Gas in Mitigating Redox Dysregulation and Pathologies	Prof. Svetlana N. Radyuk, PhD.
	●	●	What Does Molecular Hydrogen Do in Cells? Explaining the Biological Effects	Prof. John Hancock, PhD.
	●		Orchestration of Intestinal Homeostasis and Inflammation by Microbial Hydrogen Economy	Prof. Li Ge, PhD.
	●		Molecular hydrogen inhibits neuroinflammation after traumatic brain injury by promoting microglia M2 polarization via AMPK-dependent mediation of HDAC5	Prof. Wanchao Yang, MD, PhD.
	●		Evolutionary Role of Hydrogen: Investigating Hydrogenase Enzymes and Whether Orthologs are Found in the Human Proteome	Grace Russell, MSc, PhD.
	●		Neuroprotective Effects and Mechanisms of Molecular Hydrogen for Neurological Disorders	Jiayuan Zhai, PhD. Student
	●		Theory of H2 Activity: Exploring the potential mechanisms	Grace Russell, MSc, PhD.
11:30 AM		BREAKOUT SESSION II Clinical Applications and Therapeutic Effects of Molecular Hydrogen		
Ticket Option	Academic	General Public	Presentation Name	Speaker
FREE	●	●	Alleviation of systemic oxidative stress by intraoperative molecular hydrogen administration	Prof. Jan Slezak, MD., DSc.
	●		Hydrogen Nanobubbles Protect the Heart from Oxidative Damage	Dr. Garth L. Nicolson, PhD., MD. (H)
	●	●	Therapeutic potential of hydrogen-rich water on muscle atrophy caused by immobilization in a mouse model	Prof. Majid Khazaei, MD., PhD.
	●	●	Hydrogen: A novel mitochondrial nutrient	Prof. Jiangang Long, PhD.
VIP & CEU	●		Promising Role of Drinking Hydrogen-rich Water (HRW) on Obesity-induced Oxidative Damage, Inflammation, and Statin-induced Adverse Effects in High-fat Diet Animal Model	Dr. Seyedeh Elnaz Nazari, PhD.
	●		Molecular Hydrogen as a New Prevention and Treatment Option for Radiation-induced Heart Disease	Branislav Kura, RNDr., PhD.
	●	●	Hydrogen Inhalation Therapy for Post-Cardiac Arrest Syndrome: A Novel and Promising Approach	Prof. Masaru Suzuki, MD, PhD.
	●		Hydrogen Inhalation for Improving Health and QoL in the Elderly	Asst. Prof Darinka Korovljev, PhD.
	●		Molecular hydrogen: prospective treatment strategy of kidney damage after cardiac surgery	Barbora Kalocayova, MSc., PhD.
	●	●	Stem Cell Priming: Potential Benefits of Intraosseous Hydrogen Therapy	Dr. Mikhail Artamonov, MD, PhD.
	●		Hydrogen Rich-water as a New Therapy for Neuropathic Pain and the Emotional Disorders Associated	Dr. Olga Pol, PhD.
	●		Therapeutic Effects of Hydrogen Rich Water (HRW) on Sleep Apnea in Mice	Yuxi Wei, MSc. (candidate)
	●		Hydrogen-rich Water as an Adjunct Treatment in Sport Injuries	Dejan Javorac, MSc.
	●		Effects of HRW on Blood Pressures Variability	Prof Dr Ram B Singh, MBBS, MD, DTNH
	●	●	The Therapeutic Potential of Oxyhydrogen Gas in Oncology: A Study on Epstein-Barr Virus-Immortalized B-Lymphoblastoid (TK6) Cells	Grace Russell, MSc, PhD.
	●		Experience in the use of molecular hydrogen and a mixture of hydrogen-nitric oxide in heart surgery under conditions of artificial blood circulation	Prof. Eugene Iv. Nazarov, MSc., PhD.
	●		Hydrogen Bath as an Innovative Approach to Improve Post-exercise Recovery	Nikola Todorović, MSc.
	●		The Impact of Hydrogen-rich Water on Cytokine Expression and Symptom Relief in Patients with Keloid	Prof. Youbin Wang, MD.
●		The Role of Mast Cells in Remodeling Effects of Molecular Hydrogen on the Lung Local Tissue Microenvironment	Dr. Dmitrii Atiakshin, MD.	
12:00 PM		LUNCH		
1:00 PM		BREAKOUT SESSION III Molecular Hydrogen in Food and Nutritional Sciences, And Environment		
Ticket Option	Academic	General Public	Presentation Name	Speaker
FREE		●	Drinking Hydrogen-Rich Water Can Enhance the Nutritional Benefits of Foods	Prof. Duried Alwazeer, PhD.
		●	Antioxidant effect of hydrogen-rich water might be higher in high gut microbiota methane (CH4) -producers	Prof. Oleg S. Medvedev, MD, PhD.
	●	●	Use of Hydrogen in Food Processes Improves the Nutritional, Sensory, and Physicochemical Properties and Extends the Shelf Life of Product	Prof. Duried Alwazeer, PhD.
	●	●	Hydrogen intake relieves alcohol consumption and hangover symptoms in healthy individuals: a randomized and placebo-controlled crossover study	Prof. Guohua Song, PhD.
VIP & CEU	●	●	Oxidative Modification of Proteins in Colorectal Cancer Under the Influence of 5-Fluorouracil and Molecular Hydrogen	Prof. Oleh Pokotylo, PhD.
	●		The Beneficial Effects of Hydrogen-rich Saline Irrigation on Allergic Rhinitis	Prof. Dr. Shaoqing Yu, PhD.
	●	●	Hydrogen Application in Food Processes Enhances the Safety of Product	Prof. Duried Alwazeer, PhD.
	●		Hydrogen as potential coral medicine: A promising approach in the battle against coral bleaching?	Malte Ostendarp, PhD. Candidate
1:30 PM		BREAKOUT SESSION IV Public Awareness, Misconceptions, and Future Prospects of Molecular Hydrogen		
Ticket Option	Academic	General Public	Presentation Name	Speaker
FREE	●	●	Why are People Skeptical of Molecular Hydrogen? Addressing Myths and Facts About Molecular Hydrogen	Tyler W. LeBaron, MSc., PhD.
		●	Hydrogen, Life Energy	Prof. Kyu Jae Lee, MD, PhD.
	●	●	Hydrogen Water: Revolutionary Health Boost or Mere Hype?	Dr. Gagandeep Dhillon, MD., MBA
VIP & CEU	●	●	New Concept of Using Hydrogen for Health	Prof. Xuejun Sun, PhD.
	●		Unlocking the Health Potential of Molecular Hydrogen: A New Frontier in Medicine	Bob Settineri, MS.
		●	Discover Hydrogen: Your New Secret to Staying Healthy and Strong!	Bob Settineri, MS.
	●		Hydrogen and Methane-rich Water as Diagnostic Tool to be used with Lactulose Breath Test Using Tuned Diode Laser Spectrometry for Measuring Kinetics of Exogenous and Endogenous (from the Gut Microbiota) Hydrogen and Methane	Prof. Oleg S. Medvedev, MD., PhD.
	●	●	Current Status and Prospects of Hydrogen Medicine Research in China	Prof. Shucun Qin, MD., PhD.
2:00 PM		Closing Sessions		
2:00 PM		<b>Invited Guest Closing Academic Keynote:</b> Hydrogen exerts its effects on a variety of diseases as a signaling molecule	Prof. Kinji Ohno, PhD.	
2:45 PM		<b>Invited Guest Closing General Public Keynote:</b> Molecular Hydrogen as a Useful Gas for Slow-aging	Prof. Mami Noda, PhD.	
2:55 PM		Closing Remarks	Tyler W. LeBaron, MSc., PhD.	
3:00 PM		END OF CONFERENCE		