

Taiwan-Japan-Korea Therapeutic Ultrasound Forum

Innovative Applications of Ultrasound in CNS:

Advances in Neuromodulation and Therapy

Date : Sunday, Sep. 22, 2024,13:00-17:10

Venue : Taipei International Convention Center, 201BC

Registration link : <https://www.beclass.com/rid=284d8ef667834934220b>

Time	Topics	Speakers	Moderators
13:00-13:30	Registration		
13:30-13:35	Opening Remarks	Prof. Wen-Shiang Chen	
13:35-13:40		Prof. Dr. Katsuro Tachibana	
Novel CNS application of ultrasound			
13:40-14:10	Novel approach to apply focused ultrasound for brain disease	Prof. Won Seok Chang	Prof. Jae Young Lee
14:10-14:40	Therapeutic Prospects for Neurological Diseases Using Ultrafine Bubbles and Ultrasound	Prof. Hiroshi Kida	
14:40-15:10	Microbubble-assisted ultrasound for inner ear drug delivery---new challenge and insight	Prof. Ai-Ho Liao	
15:10-15:30	Coffee Break		
Ultrasound neuromodulation			
15:30-16:00	Ultrasound irradiation elicits neuronal responses via mechanosensitive channels in cortical neurons	PhD. Yumi Matsushita	Dr. Chueh-Hung Wu
16:00-16:30	Ultrasonic Transducers for Neuromodulation Research: In Vitro and In Vivo Studies	Prof. Jinhyoung Park	
16:30-17:00	New Horizons in the Diagnosis and Management of Alzheimer's Disease	Prof. Jong-Ling Fuh	
17:00-17:10	Closing Remarks		

Each session is 25 minutes with a 5-minute Q&A

Co-Organizers : Department of Physical Medicine and Rehabilitation 、 Taiwan Society of Ultrasound in Medicine

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Department of Information and Tourism, Taipei City Government

Department of Health, Taipei City Government