



# KSUM 2026

THE 57<sup>TH</sup> ANNUAL CONGRESS OF  
THE KOREAN SOCIETY OF ULTRASOUND IN MEDICINE

MAY 7 (THU) - 8 (FRI), 2026 | COEX, SEOUL, KOREA



## KSUM 2026 Invited Speaker's CV

All fields marked with an asterisk (\*) should be completed.

<b>Name*</b>	Hyang Woon Lee	
<b>Country*</b>	Korea, Republic of	
<b>Current Affiliation*</b>	Ewha Womans University	
<b>Specialty*</b>	Neurology, Epilepsy, Sleep, Neuromodulation, Multimodal EEG-Neuroimaging	
<b>Educational Background* (100 words)</b>	<p>M.D./B.S. in Medicine, Ewha Womans Univ. School of Medicine</p> <p>M.S. in Medicine (Neuropathology), Ewha Womans Univ. Grad School of Medicine</p> <p>Ph.D. in Medicine (Neurophysiology), Korea Univ. Graduate School of Medicine</p> <p>Postdoctoral Fellow, Johns Hopkins Univ. School of Medicine, Baltimore, MD, USA</p> <p>Clinical Fellow, NINDS, Clinical Epilepsy Section, Bethesda, MD, USA</p>	
<b>Professional Experience (200 words)</b>	<p>Director, Ewha Medical Center Biomedical Research Institute, Seoul, Korea</p> <p>Chair, Women Faculty Special Interest Group, OHBM (Organization of Human Brain Mapping)</p> <p>Visiting Professor, Yale University School of Medicine, Departments of Neurology and Diagnostic Radiology, New Haven, CT, USA</p> <p>Postdoc Fellow, Department of Neurology, Johns Hopkins Univ School of Medicine, Baltimore, MD, USA</p> <p>Clinical fellow, Clinical Epilepsy Section, NINDS, National Institute of Health, Bethesda, MD, USA</p> <p>Intern and Neurology Resident, Ewha Womans University Hospital</p> <p>Clinical fellow, Epilepsy &amp; Sleep Program, Department of Neurology, Samsung Medical Center, Seoul, Korea</p>	

### KSUM 2026 Secretariat

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## Main Scientific Publication \* (200 words)

- 1) Macik M, **Lee HW**, Constable RT (2026). Neuroimaging Insight into Sex and Gender Differences in Brain Health and Disease. Springer Nature, Singapore. [https://doi.org/10.1007/978-981-95-2070-1\\_5](https://doi.org/10.1007/978-981-95-2070-1_5).
- 2) Park CH, Kim SE, Choi YS, Lee J, Lee SY, Kang JH, Hwang S, Kim YG, **Lee HW** (2025). Structural-Functional Brain Network Modulation using Transcranial Focused Ultrasound Stimulation: Implications on the Default Mode Network in Humans. Neuroimage 321:121540.
- 3) Kim S, Kang SW, Kim SE, Kim HJ, Kim SA, Lee YW, Kim EY, Shin C, **Lee HW** (2025). Genome-wide identification and functional validation of the WW domain containing oxidoreductase gene associated with sleep duration. Sci Rep14;15(1): 5552.
- 4) Um HK, Noh E, Yoo C, **Lee HW**, et al (2025). Mobile Sleep Stage Analysis Using Multichannel Wearable Devices Integrated with Stretchable Transparent Electrodes. ACS Sens 10(6):4016-26.
- 5) Noh E, Um HK, Park HJ, Kim M, Kim M, Lee S, **Lee HW**, et al (2025). Stretchable Dry Adhesives for Robust Epidermal Biosignal Sensing. Adv Healthc Mater 14(24):e00878.
- 6) Kim YG, An H, Kim GE, **Lee HW**, Yang NR (2024). Higher Risk of Mental Illness in Patients With Diagnosed and Untreated Unruptured Intracranial Aneurysm: Findings From a Nationwide Cohort Study. Stroke 55(9):2295-2304.
- 7) **Lee HW** (2024). Sex/Gender Differences in Sleep Physiology and Sleep Disorders. Pp 443-451. Springer Nature, Singapore. [https://doi.org/10.1007/978-981-97-0131-8\\_27](https://doi.org/10.1007/978-981-97-0131-8_27).
- 8) Park J, Kim MH, **Lee HW** (2024). Clinical Outcomes and Systemic Complications Related to the Severity and Etiology of Status Epilepticus Using a Common Data Model. Neurocrit Care 40(3):1117-1126.

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