



KSUM 2023 Invited Speaker's CV

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

Name*	Ki Joo Pahk	
EDUCATIONAL BACKGROUND		
Country*	Republic of Korea	
Current Affiliation*	Department of Biomedical Engineering, Kyung Hee University	
Specialty*	Therapeutic Ultrasound	
Education* (100 words)	Aug 2016, Ph.D., Mechanical Engineering, University College London Nov 2012, M.S.c., Mechanical Engineering, University College London Aug 2011, B.Eng., Mechanical Engineering, University College London	
Post-Graduate Education* (100 words)	Aug 2016, Ph.D., Mechanical Engineering, University College London Nov 2012, M.S.c., Mechanical Engineering, University College London	
Academic Appointments* (200 words)	Mar 2022 – present: Associate Professor, Department of Biomedical Engineering, Kyung Hee University Sep 2019 – Feb 2022: Senior Research Scientist, Center for Bionics, Biomedical Research Division, Korea Institute of Science and Technology	



KSUM 2023

The 54th Annual Congress of Korean Society of Ultrasound in Medicine

May 11 (Thu) – 13 (Sat), 2023 | Coex, Seoul, Korea

<p>Scientific Publications* (200 words)</p>	<ul style="list-style-type: none">- Control of the dynamics of a boiling vapour bubble using pressure-modulated high intensity focused ultrasound without the shock scattering effect: A first proof-of-concept study (2021). Ultrasonics Sonochemistry. 77. 105699- The interaction of shockwaves with a vapour bubble in boiling histotripsy: The shock scattering effect (2021). Ultrasonics Sonochemistry. 70. 105312- Mechanical damage induced by the appearance of rectified bubble growth in a viscoelastic medium during boiling histotripsy exposure (2019). Ultrasonics Sonochemistry. 53. 164-177
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