

PRS KOREA 2025

November 9(Sun) ~ 11(Tue), 2025

Grand InterContinental Seoul Parnas Hotel



Curriculum Vitae

Personal Information		
Title (i.e. Pf., Dr., etc.)	Prof.	
Name (First name _ Last Name)	Seok Chung	
Degree (i.e. MD, Msc, PhD, etc.)	Ph.D.	
Country	Korea	
Affiliation	Korea University	
Educational Background		
Ph. D., School of Mechanical & Aerospace Engineering, Seoul National University, Korea M.S., Department of Mechanical Design & Production Engineering Seoul National University, Korea B.S., Department of Mechanical Design & Production Engineering Seoul National University, Korea		
Professional Experience		
Professor, School of Mechanical Engineering, Korea University Professor, KU-KIST Graduate School of Converging Science and Technology Research Scientist, Center for Brain Technology, KIST Visiting Professor, Department of Biological Engineering, MIT Postdoctoral Associate, Department of Biological Engineering, MIT		
Professional Organizations		
Vice President, Research & Business Foundation, Korea University President, Department of Technology Licensing and Commercialization, Korea University President, Crimson Start-up Support Foundation, Korea University Associate Dean, College of Engineering, Korea University Associate Dean, KU-KIST Graduate School of Converging Science and Technology Chief, Pioneering Village (π-Ville, X-Garage & KU Makerspace), Korea university		



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Main Scientific Publications

1. K.Ahn, H.-S.Park, S.Choi, H.Lee, H.Choi, S.B.Hong, J.Han, J.W.Han, J.Ahn, J.Song, K.Park, B.Cha, M.Kim, H.-W.Liu, H.Song, S.J.Kim, S.Chung*, J.-I.Kim*, I.Mook-Jung*, 2024, Differentiating visceral sensory ganglion organoids from induced pluripotent stem cells, Nature Methods
2. E.Song, M.Kim, S.Lee, H.-W.Liu, J.Kim, D.-H.Choi, R.Kamm, S.Chung*, J.H.Yang, T.H.Kwak*, 2024, VONet: A deep learning network for 3D reconstruction of organoid structures with a minimal number of confocal images, Patterns
3. J.Ahn, K.Ohk, J.Won, D.-H.Choi, Y.H.Jung, J.H.Yang, Y.Jun, J.-A Kim*, S.Chung*, S.-H.Lee, 2023, Modeling of three-dimensional innervated epidermal like-layer in a microfluidic chip-based coculture system, Nature Communications
4. H.Kim, J.K.Sa, J.Kim, H.J.Cho, H.J.Oh, D.-H.Choi, S.-H.Kang, D.E.Jeong, D.-H.Nam, H.Lee, H.W.Lee*, S.Chung*, 2022, Recapitulated Crosstalk between Cerebral Metastatic Lung Cancer Cells and Brain Perivascular Tumor Microenvironment in a Microfluidic Co-Culture Chip, Advanced Science
5. Y.A Lee, S.Cho, S.Choi, O-C.Kwon, S.M.Yoon, S.J.Kim, K.-C.Park, S.Chung, M.-W.Moon, 2022, Slippery, Water-Infused Membrane with Grooved Nanotrichomes for Lubricating-Induced Oil Repellency, Advanced Science



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