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Prof. **Donghee Son** is currently a Tenured Associate Professor in the School of Chemical and Biomolecular Engineering at Yonsei University, where he joined the faculty in 2026. He received his Ph.D. degree in Chemical and Biological Engineering from Seoul National University in 2015. He then worked as a postdoctoral fellow in the Department of Chemical Engineering at Stanford University in 2016, before moving to the Center for Bionics at the Korea Institute of Science and Technology (KIST) in 2017. Prior to joining Yonsei University, he served as an Associate Professor in the Department of Electrical and Computer Engineering at Sungkyunkwan University (SKKU), where his research focused on soft, stretchable, and self-healing bioelectronics.

His representative publications are as follows.

1."Hydrogel–elastomer-based conductive nanomembranes for soft bioelectronics",
Nature Nanotechnology, 20, 1822-1830 (2025)

2." Reconfigurable assembly of self-healing stretchable transistors and circuits for integrated systems",
Nature Electronics, 8, 474-484 (2025)

3." A shape-morphing cortex-adhesive sensor for closed-loop transcranial ultrasound neurostimulation",
Nature Electronics, 7, 800-814 (2025)

4."Injectable tissue prosthesis for instantaneous closed-loop rehabilitation",
Nature 623, 58 (2023)

5."Adhesive bioelectronics for sutureless cardiac interfacing",
Nature Electronics 6, 779 (2023)

6."Vacuum-deposited stretchable polymer dielectric and its application to soft carbon nanotube electronics",
Nature Electronics 6, 135 (2023)

7."Stretchable colour-sensitive quantum dot nanocomposites for shape-tunable multiplexed phototransistor arrays",
Nature Nanotechnology 17, 849 (2022)