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Dr. Lee received his bachelor's and master's degree in Electrical engineering from the Kunsan National University, and his doctorate in Nanotechnology from the Hanyang University, Korea. He received postdoctoral research training at the Institute of Nano Science and Technology (INST). During over 10 years training, he has worked on the fabrication and applications of carbon nanotubes, including vertical growth, massive production, 3D-networking, gas sensor, solar cell, field emission device, and microfluidic device. His current research interests encompass the field of nano biosensors and microfluidic devices, including semiconductor-based nanostructure biosensors, lab-on-a-chip systems for biomedical applications, and modular microfluidics. Dr. Lee is a member of the KBCS (The Korean BioChip Society), the KSIEC (The Korean Society of Industrial and Engineering Chemistry), the MNS (The Society of Micro and Nano Systems), and the KONTRS (Korea Nanotechnology Research Society).