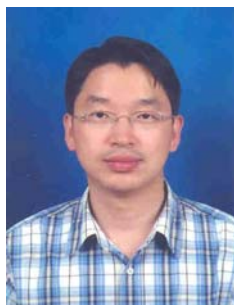


## *Speaker Profile*



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**Seok-Jae Lee** received his B.S. and M.S. degrees in Chemical Engineering from Hanyang University in 1997 and 1999, respectively, and Ph.D. degree in Chemical and Biomolecular Engineering from Korea Advanced Institute of Science and Technology (KAIST) in 2004, under the direction of Professor Sang Yup Lee in the Development of biological assay systems based on nanobiotechnology.

From 2004-2007, Dr Lee was a Senior Researcher at the Research & Development (R&D) Center of Samsung Engineering Corporate Ltd. (SECL), where his research dealt with biosensor and biochip technology for environmental technology applications. Following SECL, Dr. Lee joined the NEMS-Bio Team at NNFC in November of 2007.

Dr. Lee's work experiences also include protein chip, DNA chip, microfluidic chip and diagnostic assay developments. He also has been a committee member of the Korean BioChip Society (KBCS) and an evaluation committee member of Korea Institute of Environmental Science and Technology (KIEST) since 2006.

Dr. Lee's current research focus is on (1) Bio-MEMS, microfluidics and Lab-On-A-Chip (2) applications of CMOS-based Bioelectronics (3) Biosensor, and (4) Biomolecular engineering for Biochip technology.

