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Talk Title: **Intelligent Microfluidic Platform for Diagnosis and Others**

Seok Jae Lee received his BS and MS 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 current department at National Nanofab Center (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). Dr. Lee's current research focus is on Bio-MEMS, microfluidics, lab-on-a-chip and Biosensor.