



Jong Hoon Park

(Department of Biological Science, Sookmyung Women's University)

Jong Hoon Park is a professor of Biological Science Division, School of Natural Science at Sookmyung Women's University. He received a Bachelor Science degree in Biochemistry from Yonsei University in 1987. He carried out graduate studies at Yonsei University, and received his Ph.D. in 1996 for a doctoral thesis titled with the "A study on isoperoxidase gene cloning and expression from *Raphanus sativas* L.". After two years of postdoctoral work in Molecular Medicine at Albert Einstein College of Medicine, he returned to Korea and joined the faculty of Biological Science Division at Sookmyung Women's University in 2001. He is the director of National Research Laboratory for molecular medicine supported by Korean Science and Engineering Foundation program funded by MEST. His laboratory has been investigating the functional role of *pkd2* in ADPKD as well as LY-6k gene in breast cancer. More recently, his laboratory has conducted research evaluating the mechanisms of breast cancer metastasis using flies as a research model and has extended its research into mammalian systems. His laboratory has also set up the technology to scan genome-wide epigenetic modifications such as DNA methylation and histone modification using mouse cancer models. Taken together, his laboratory is very competent in the analysis of novel knock-out mice, their metastatic phenotypes, sampling and analysis of cancer tissue, and monitoring epigenetic modifications.