


Personal Information

Full name	Weontae Lee	
Current position	Professor/Department of Biochemistry	
Organization	Yonsei University	
Country	Republic of Korea	

Short Biography

Prof. Lee is a professor of Biochemistry at Yonsei university, Seoul, Korea and has a leading group of Plasma Molecular Biophysics Research in Korea. He completed his doctorate in Physics with the theoretical and experimental aspects of Protein NMR spectroscopy at the University of Alabama at Birmingham, USA in 1992. After his structural study of oncogenic proteins with high-resolution NMR spectroscopy at Ontario Cancer Center, University of Toronto, Canada as a post doctorate, he joined the LG Biotech Research Institute as a senior scientist in 1994 and he had worked on “Structure-based Drug Design”. He moved to Yonsei University as a professor in Seoul, Korea, 1997. Prof. Lee has been served as chairman and director of Biochemistry department of Yonsei University since 2008. He was also as a Chief-Editor of Journal of Korean Magnetic Resonance Society and editorial board member of Mol. Cells since 2009. He has served as a president of Korean Biophysical Society from 2009 to 2011 and Korean Protein Society from 2011 to 2012. Prof. Lee pioneered a new technology for the high throughput NMR structure determination for structural genomics and disease related proteins. Recently he has worked on “Plasma Molecular Biology” focused on plasma-protein interactions. It is expected that this study will lead to uncovering molecular mechanism for plasma treatment of cancer cells. Concurrently, Prof. Lee is applying ultra-high resolution NMR spectroscopy using 900MHz and X-ray crystallography for the analysis of proteins related to plasma-treated human diseases.