



• **Name:** Sang-Ryoul Park

• **Current Position:**

- 2020 Principal Research Scientist (KRISS)  
KRISS: Korea Research Institute of Standards and Science
- 2019 President of CCQM (Meter Convention)  
CCQM: Consultative Committee on Amount of Substance: Metrology in Chemistry and Biology
- 2018 Member of CIPM (Meter Convention)  
CIPM: International Committee for Weight and Measures

• **Country:** Korea

• **Educational Background:**

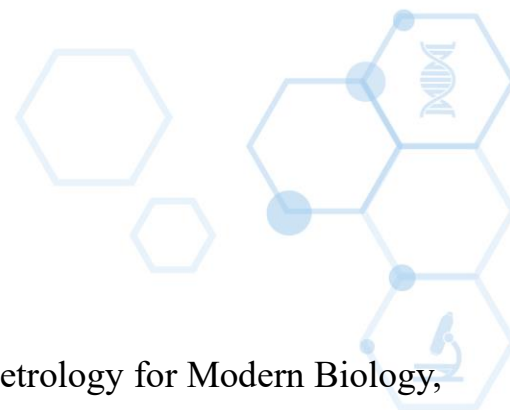
- 1998-2000 Clinical Biochemistry Fellow (Mayo Clinic)
- 1996-1998 Postdoctoral Research on Human Genetics (University of Utah)
- 1996 PhD in Bioanalytical Chemistry (University of Kansas)
- 1984 BS in Chemistry (Seoul National University)

• **Professional Experience:**

- 2017-2019 President (KRISS)
- 2017 Vice-president (KRISS)
- 2013-2015 Director of the Division of Metrology for Quality of Life (KRISS)
- 2008-2013 Head of the Center for Bioanalysis (KRISS)

• **Professional Organizations:**

- CIPM (International Committee for Weight and Measures, Meter Convention)
- Korean Chemical Society
- Mayo Clinic Alumni Association



• **Main Scientific Publications:**

MONOGRAPH

1. S-R Park, J-H Choi, J-S Joeng (2012). Development of Metrology for Modern Biology, Modern Metrology Concerns, Dr. Luigi Cocco (Ed.), ISBN: 978-953-51-0584-8, InTech Press.

JOURNAL ARTICLES

1. H-B Yoo, S-R Park et al, “International Comparison of Enumeration-Based DNA Copy-Concentration Using Flow Cytometric Counting and Digital Polymerase Chain Reaction,” *Anal Chem*, 88, 12169-12176 (2016).
2. H-B Yoo, D Oh, J Y Song, M Kawaharasaki, J Hwang, IC Yang, S-R Park, S Lee, JM Lee, S-R Park, JH Lee, YG Kim, “A candidate reference method for quantification of low concentrations of plasmid DNA by exhaustive counting of single DNA molecules in a flow stream,” *Metrologia*, 51, 491-502 (2014)
3. J-H Yim, I Yoon, H-J Yang, S-K Kim, S-R Park, Y-M Lee, J-S, Jeong, “Quantification of recombinant human erythropoietin by amino acid analysis using isotope dilution liquid chromatography–tandem mass spectrometry”, *Anal. Bioanal. Chem.*, 406, 4401-4409 (2014)
4. J-S Jeong, S-K Kim, S-R Park, “Amino acid analysis of dried blood spots for diagnosis of phenylketonuria using capillary electrophoresis-mass spectrometry equipped with a sheathless electrospray ionization interface,” *Anal. Bioanal. Chem.*, 405, 8063-8072 (2013)
5. S-R Park, “Virginia Litwin and Philip Marder (Eds.): Flow cytometry in drug discovery and development,” *Anal. Bioanal. Chem.*, 404, 2121-2122 (2012)
6. J-S Jeong, H-M Lim, S-K Kim, H-K Ku, K-H Oh, S-R Park, “Quantification of human growth hormone by amino acid composition analysis using isotope dilution liquid-chromatography tandem mass spectrometry,” *J. Chromatogr. A*, 1218, 6596-6602 (2011).
7. YH Kim, I Yang, Y-S Bae, S-R Park, “Performance evaluation of thermal cyclers for PCR in a rapid cycling condition,” *BioTechniques*, 44, 495-505 (2008)
8. I Yang, IY Park, S-M Jang, LH Shi, H-K Ku, S-R Park, “Rapid quantification of DNA methylation through dNMP analysis following bisulfite-PCR,” *Nucleic Acids Research*, 34, e61 (2006)