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Sung-Gyu Park is a Principal Research Scientist at the Korea Institute of Materials Science (KIMS) and the Leader of the Global TOP Strategic Research Group. He also serves as an Adjunct Professor at Korea University (KIMS–KU) and a Professor at the University of Science and Technology (UST). He received his Ph.D. in Chemical and Biomolecular Engineering from the Korea Advanced Institute of Science and Technology (KAIST) in 2010. He subsequently conducted postdoctoral research at the University of Minnesota and served as a visiting researcher at Imperial College London.

His research focuses on nanoplasmonic materials, three-dimensional nanostructures, and surface-enhanced Raman scattering (SERS)-based biosensing platforms for ultra-sensitive detection of biomolecules. He has authored over 150 peer-reviewed scientific publications and holds more than 50 patents. His work has been widely recognized through major national honors, including selection for the Top 100 National R&D Achievements of Korea and the Top 10 Outstanding Research Achievements of Government-Funded Research Institutes, among other prestigious awards for research excellence.