



• **Name:** Joon Won Park

• **Current Position:**

Founder and CEO, NB POSTECH Inc.

Provost and Executive Vice President, Pohang University of Science and Technology

• **Country:** Korea

• **Educational Background:**

1988 Ph. D. California Institute of Technology

1981 M. S. KAIST

1979 B. S. Sogang University

• **Professional Experience:**

2019 Chairman, Korean Society for Nanomedicine

2017 Director, Postech-Catholic Biomedical Engineering Institute

2017 Board of Trustee, Samsung Science & Technology Foundation

2012 Dean, School of Science, POSTECH

2011 Head, Department of Chemistry, POSTECH

2008 CEO, NB POSTECH Inc.

1998 Visiting Scholar, MIT

1990 Professor, Pohang University of Science and Technology

1989 Postdoctoral Fellow, Northwestern University

• **Professional Organizations:**

Korean Chemical Society

American Chemical Society

Korean Society for Nanomedicine

• **Main Scientific Publications:**

- 1) “Nanoscale imaging reveals miRNA-mediated control of functional states of dendritic spines”, Proceedings of the National Academy of Sciences (2019) 9616.
- 2) “Direct quantification of trace amounts of a chronic myeloid leukemia (CML) biomarker using locked nucleic acid capture probes”, Anal. Chem. (2018) 12824.
- 3) “Visualization and quantification of microRNA in a single cell by AFM”, J. Am. Chem. Soc. (2016) 11664.
- 4) “Quantification of fewer than ten copies of a DNA biomarker without amplification or labeling”, J. Am. Chem. Soc. (2016) 7075.
- 5) “Cytosolic targeting factor AKR2A captures chloroplast outer membrane-localized client proteins at the ribosome during translation”, Nature Communications (2015) 6843.