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RESEARCH FIELDS

Strategy & Policy Development for the Innovation of High-tech Future Industry including Bioindustry

EDUCATION

Ph.D. degree in the Interdisciplinary Program for Biochemical Engineering and Biotechnology, Graduate School of Engineering, Seoul National University, Seoul, Korea, February 26 1997

Master of Science degree in Engineering in the Interdisciplinary Program for Biochemical Engineering and Biotechnology, Graduate School of Engineering, Seoul National University, Seoul, Korea, February 26 1992

Bachelor of Science degree in Engineering in the department of Chemical Technology, College of Engineering, Seoul National University, Seoul, Korea, February 26 1986

CAREERS

- 2015 – Present: Senior Research Fellow, Korea Institute for Industrial Economics & Trade (KIET), Seoul, Korea
- 2001 – 2014: Associate Research Fellow & Research Fellow, Korea Institute for Industrial Economics & Trade (KIET), Seoul, Korea
- 2008 – 2012: Visiting Scholar & Consulting Fellow, Research Institute of Economy, Trade & Industry, IAA (RIETI), Japan
- 1999 – 2000: Post-Doc. Researcher, Department of Chemical Engineering, Stanford University, USA
- 1990 – 1991: Visiting Researcher, The Institute for Molecular and Cellular biology, Osaka University, Japan
- 1986 – 1990: Research Scientist, The Laboratory of Biotechnology, R&D Center of Lotte Inc., Seoul, Korea

RECENT ACTIVITIES

- 2020 – Present: A Member of TF Committee for Bio-Industry Innovation, Ministry of Economy and Finance
- 2020 – Present: A Member of Committee on the Industrial Technology Protection, Ministry of Trade, Industry and Energy
- 2020 – Present: A Member, The National Academy of Engineering of Korea
- 2019 – Present: A Member of Health and Medical Policy Review Board, Ministry of Health and Welfare
- 2019 – Present: A Member of Committee for the Promotion of Biomedical Technology Development, Ministry of Science and ICT
- 2018 – 2020: A Member of Committee for Smart City Korea, Ministry of Land, Infrastructure and Transport
- 2017 – 2018: A Visiting Scholar, New York University, USA
- 2016 – 2019: A General Member, The National Academy of Engineering of Korea
- 2016 – Present: Vice President, The Korean Bioeconomy Association
- 2016 – 2017: An Expert Member of Investment Committee for New Industry, Office for Government Policy Coordination
- 2016 – 2017: An Expert Member of council for Bio-healthcare Industry, Ministry of Health and Welfare