# PRS KOREA 2025

November 9(Sun)~11(Tue), 2025 Grand InterContinental Seoul Parnas Hotel



# **Curriculum Vitae**

Personal Information	
Title (i.e. Pf., Dr., etc.)	Dr.
Name (First name_Last Name)	Kwideok Park
Degree (i.e. MD, Msc, PhD, etc.)	PhD
Country	Korea
Affiliation	KIST



#### **Educational Background**

- PhD, Department of Biomedical Engineering, University of Iowa (2001), Iowa City, IA, USA
- MS, Department of Biochemistry, Hanyang University (1996), Ansan, Republic of Korea
- BS, Department of Chemistry, Hanyang University (1993), Seoul, Republic of Korea

## **Professional Experience**

- President-elect (2025), Korean Society for Biomaterials
- Vice president (2021~current), Korean Tissue Engineering and Regenerative Medicine Society
- Senior/ Principal Research Scientist (2007- current), Center for Biomaterials, KIST
- Professor (2017~current), Division of Bio-Med Sci. & Tech, U of Science and Tech, KIST School
- Organizing committee, Fundraising Committee Chair, World Biomaterials Congress 2024, Korea
- Review board member (2021~current), New Excellent Tech (NET), Ministry of Health and Welfare
- Review board member (2021~2024), Division of Brain/Biomed Eng., Korea Research Foundation

## **Professional Organizations**

Center for Biomaterials, Korea Institute of Science and Technology (KIST), Seoul, Korea

#### **Main Scientific Publications**

- 1. Da Costa ADS, Vadym K, Park K\*, Engineered endothelium model enables recapitulation of vascular function and early atherosclerosis development. *Biomaterials* 314:122889 (2025)
- 2. Savitri C, Ha SS, Kwon JW, Kim SH, Kim Y-M, Park HM, Kwon H, Ji NJ, and Park K\*, Human fibroblast-derived matrix hydrogel accelerates regenerative wound remodelling through the interactions with macrophages. *Advanced Science*, 11:2305852 (2024)
- 3. Kwon JW, Savitri C, An BH, Yang SW and Park K\*, Mesenchymal stem cell-derived secretomes enriched alginate/extracellular matrix hydrogel patch accelerates skin wound healing. *Biomaterials Research* 27:107 (2023)
- 4. Song ES, Park J-H, Ha SS, Cha P, Kang J-T, C Park CY\*, and Park K\*, Novel corneal endothelial cell carrier couples a biodegradable polymer and a mesenchymal stem cell-derived extracellular matrix, ACS Applied Materials & Interfaces 14: 12116-12129 (2022)

