

# DongWon Kim

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## Brief Biography

- `2013.9 ~ Current : Head of Healthcare R&D, *CTO Division, LG Electronics*
- `2015.2 ~ Current : Advisory Committee Member of Wonju Medical Industry Techno Valley Foundation
- `2013.5 ~ `2014.12 : A member of the 45<sup>th</sup> board of Director, Korean Institute of Chemical Engineers
- `2009.11 ~ `2013.8 : Research Group Leader, *Sanofi-Joint Venture, Handok Pharmaceuticals*
- `2012.5 ~ 2013.8 : The 9<sup>th</sup> World Congress of Chemical Engineers, Organizer on Healthcare Sector
- `1998.12 ~ `2009.11 : Senior Scientist, *Pharmaceutical R&D Center, Samyang Corporation*
- Regular member of American Association of Pharmaceutical Society, Controlled Release Society and Korea Bio-Economy Forum, etc.

## Invited lecture

- "Convergence Healthcare Technology", *College of Pharmacy, Catholic University* (`19.6)
- "Medical Imaging Technology of LG Electronics", *Seoul National University Hospital* (`18.12)
- "Healthcare Solution of LG Electronics", *Myong-ji Medical Foundation* (18.10)
- "ICT-based Healthcare Platform", *Asan Medical Center, Seoul* (`17.6)
- "Tissue Ablation Technology and Application for Noninvasive Biomarker Extraction and Diagnostics", *Samsung Electronics Medical Device Division* (`13.2)

- "Cutting-edge Medical Technology based on Bio-IT Convergence", *Graduate School of Pharmacy, Kyunghee University* ('12.11)
- "Innovations in Drug Delivery Systems and Diagnostics Systems", *Samsung Electronics Medical Device Division* ('12.12)
- Many other invited lectures

### **Major Research Areas**

: Development of healthcare technology that converges heterogeneous technologies such as biotechnology (BT), information and communication technology (ICT) with multidisciplinary approach

- LG Pra. L Beauty Technology, Medical Imaging Technology, Bio Big Data Technology, Drug-device Convergence Technology, DNA-based Technology, Medical Device Technology, Ai-based Healthcare Technology, etc