



**Dr. Kim Jin Sik**

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I have been R&D Center Director of UP Chemical since 2019. I received the Ph.D. Degree in the department of Inorganic Chemistry, especially Organometallic Chemistry from Kyunggi University in 2002.

Since joining UP Chemical R&D Center in 2004, I have been involved in working on the research and development of next-generation atomic layer deposition/chemical vapor deposition precursors.

I am currently leading the new various ALD precursor development, and working on many projects with our clients.

My current research interests mainly focus on develop the various new ALD precursor, not only High-*k*, Metal (Electrode/Diffusion Barrier), Si (SiO<sub>2</sub>/SiN) Precursors, but also Area Selective ALD Precursor & Inhibitors.