

Dong-Myung Kim

Affiliation: Chungnam National University, Korea

Research title for the award: Development of highly productive and economical cell-free protein synthesis systems



Dr. Kim earned his PhD from Seoul National University in 1996. His PhD work was dedicated to the development of efficient cell-free protein synthesis systems. From 1993 to 1994, he worked in Prof. Shigeyuki Yokoyama's lab (University of Tokyo) as a visiting scholar. During his tenure as a post-doc of Prof. Jim Swartz, Stanford University from 1998 to 2000, he developed a novel system that efficiently provides ATP for cell-free protein synthesis at a remarkably reduced reagent cost. The results of his work have been licensed to Roche Diagnostics, where he worked as a Principal Scientist and a Research

Director for three years. Dr. Kim joined Chungnam National University in 2003 and has been serving as an Associate Professor.

[Message as a prize winner]

I am honored to receive the 2008 Young Asian Biotechnologist Prize of the Society for Biotechnology, Japan. I understand that the purposes of this prize include promoting scientific interactions between Japan and other Asian countries. In that point, I am especially pleased because my works for the prize were initiated in Japan through the collaboration with Prof. Shigeyuki Yokoyama. As a biotechnologist working on protein synthesis, I am always marveled at the power of 'combination'. Just like simple amino acids can drive all the great things through their combinations into protein molecules, I wish all the excellent expertise owned by the regional scientists can be shared and exchanged for greater achievements.

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