



**Dr. Daesung Shin,**  
Senior Scientist, HJKRI

Dr. Daesung Shin received his Ph.D. degree from the department of Biological Sciences in Korea Advanced Institute of Science and Technology (2003). He then went to Stem Cell Research Center in Korea Research Institute of Bioscience and Biotechnology (2003-2005) for his first postdoctoral work, where he discovered novel therapeutic target for metastatic cancer cells.

In 2005, Dr. Shin was appointed as postdoctoral fellow in Howard Hughes Medical Institute at the University of California San Francisco where he focused upon studying episodic neuronal disorder genes involved in the development of neurodegeneration and epilepsy.

In 2011, he was appointed a Senior Scientist in the Hunter James Kelly Research Institute, where Dr. Shin has designed various new animal models for the study of Krabbe disease. He would like to investigate more specifically about the unknown pathological mechanism of Krabbe disease using these novel animal models to advance the therapy of Krabbe disease and other relevant leukodystrophies.