

Knut Woltjen



Knut is an Associate Professor in the Department of Life Science Frontiers at the Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan. As a postdoctoral fellow at the University of Toronto, Knut employed the *piggyBac* transposon to create the first footprint-free mouse and human induced pluripotent stem cell (iPS) cells. The Woltjen lab maintains this theme by developing precision genome and epigenome editing methods in induced pluripotent stem cells to re-write and re-program the human genome. The goal of his research is to apply this knowledge to develop next-generation gene modified cell therapies, and understand the underlying genetics of human health, disease, and evolution.

