

University of Wisconsin-Madison is looking for highly motivated scientists who want to enter a postdoctoral training in CRISPR/Cas9 editing human pluripotent stem cells and hematopoietic stem cells (HSC) in Dr. Slukvin lab. The overall goal of the project is to generate universal type induced pluripotent stem cells and develop technologies for efficient gene modification in HSCs. We are also looking to advance pluripotent stem cell and HSC technologies for immunotherapies and bone marrow transplantation.

Specific duties include cell culture, induced pluripotent stem cell and HSC transfection and CRISPR/Cas9 gene editing, conditional gene expression, molecular cloning, hematopoietic differentiation of pluripotent stem cells, in vivo engraftment assay, collaboration with bioinformatician on RNAseq and ChIPseq data analysis.

Creativity, initiative, and persistence will be essential characteristics for the successful candidate. Additionally, we are looking for enthusiastic, self-motivated individuals who thrive in a fast-paced and challenging research environment and can multitask and interact well with others as part of a cohesive team.

University of Wisconsin is the world leader in stem cell biology and elite center for learning and research. You will have opportunity to work on cutting edge research and network with internationally renowned scientist within Wisconsin Stem Cell Program. The principal investigator is affiliated with University of Wisconsin School of Medicine and Public Health, Stem Cell and Regenerative Medicine Center, Wisconsin National Primate Research Center (WNPRC) and Morgridge Institute for Research and directs Precision Therapeutics core at WNPRC.

English speaking and writing skills are essential as well as a track record of peer reviewed publications. Applications, accompanied by a letter of intent, curriculum vitae, and list of references should be sent to Dr. Igor Slukvin islukvin@wisc.edu.

A cover letter explaining interest in the position and a list of three references are required.