

Position	Department	Deadline
<b>Research Associate (Postdoctoral)</b>	WI National Primate Research Center, Stem Cell	May 11 2018

**Requirements:** Ph.D., MD, or equivalent doctoral degree. Strong backgrounds in hematopoiesis, hematopoietic stem cell biology, immunology, molecular, cell or computational biology.

**Job Duties:** Post-doctoral position is available at University of Wisconsin-Madison, WI National Primate Research Center for a highly motivated scientist with recent doctoral training in hematopoiesis, or cellular and molecular biology. The overall goal of the project is to study the molecular mechanisms leading to hematopoietic specification from human pluripotent stem cells. One of our main interests in the lab seeks to use molecular profiling and epigenetic analysis to understand how lymphoid and self-renewal program is established in blood cells emerging from hemogenic endothelium. Based on this knowledge we are looking to advance pluripotent stem cell technologies for immunotherapies and bone marrow transplantation. Specific duties include cell culture, induced pluripotent stem cell 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 an elite center for learning and research. You will have the opportunity to work on cutting edge research and network with internationally renowned scientists 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. Strong 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 the attention of Dr. Igor Slukvin.


**Begin Date:** 6/4/2018

**Percent Time:** 100%

**Salary:** NIH standard (min \$47,476)

**Contact**

Dr. Igor Slukvin 

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