



Working Title: **Scientist - Transplantation**

Official title: SENIOR SCIENTIST(E10BN) or ASSOCIATE SCIENTIST(E10FN) or ASSISTANT SCIENTIST(E10LN)

Degree and area of specialization:

PhD required, preferably in Cell and Molecular Biology or related field.

Minimum number of years and type of relevant work experience:

4 or more years post-doctoral experience is preferred. A background in cellular and/or molecular immunology is essential. Prefix assignment determined by years of relevant work experience. A minimum of 7 years of experience is required for appointment at the senior level.

Principal duties:

The Department of Surgery, Division of Transplantation is currently recruiting for an experienced Scientist to join a strong research program in transplantation immunobiology. We are seeking a candidate with a passion for learning, scientific leadership ability, and a talent for understanding a broad range of duties encompassing not only academic responsibilities as a scientist, but also duties related to laboratory management.

The successful candidate will be responsible for all aspects of design, quality control, and initial implementation of a core component of our newly awarded NIH grant - identification and quantification of microchimerism in individuals within families, both normal non-transplanted individuals as well as renal transplant recipients. The incumbent will also work out procedures to do reliable qPCR for rare sequences of maternal and fetal or sibling DNA in blood samples and cell fractions using several different target genes to cross check his estimates of Mc in a given subject. The incumbent will also be expected to independently revisit and improve the Dd gene detection method in the NIMAd model to do more mouse MMc work in the lab. In addition, the incumbent will be responsible for scientific presentations to local, regional and national meetings and scholarly publications.

The candidate will also be responsible for:

- Programming, troubleshooting, and maintaining laboratory equipment used in laboratory.
- Evaluation of new technologies related to the laboratory research mission which would involve testing, data analysis, interpretation, and generation of evaluations for reports or presentations; analysis of experimental data; and recommendations for research direction.
- Interaction with individuals of various technical backgrounds, e.g., undergraduate and graduate students, technicians, scientists and medical professionals in the field of transplantation.
- Facilitation and promotion of the training and development of our graduate students.

Additional Information:

This is a 6 month terminal appointment from the date of hire. There is the possibility this position could be extended for one year.

A criminal background check will be conducted prior to hiring.

A period of evaluation will be required



Employee class: Academic Staff
Department(s): SMPH/SURGERY
Full time salary rate: Minimum \$39,270 ANNUAL (12 months)
Depending on Qualifications
Term: This position will end on June 10, 2012
Appointment percent: 50% - 100%
Anticipated begin date: December 24, 2011
Number of positions: 1

Department Contact:

Katie Tollefson	Phone: 608-265-2911
H4/367 CSC	Phone TTY: 608-263-2473
600 Highland Ave	Fax: 608-265-6793
Madison, WI 53792-0001	Email: tollefo@surgery.wisc.edu

HOW TO APPLY:

Unless another application procedure has been specified above, please send resume and cover letter referring to Position Vacancy Listing # 72272 to the contact indicated above.

To ensure consideration, application must be received by: December 19, 2011

NOTE: Unless confidentiality is requested in writing, information regarding the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

For more academic job opportunities at the University of Wisconsin-Madison please see http://www.ohr.wisc.edu/pvl/pvl_internet_report_home.html

For more information on the University of Wisconsin-Madison Office of Human Resources please see <http://www.ohr.wisc.edu/>

*For more information on the University of Wisconsin-Madison see our home page at <http://www.wisc.edu/>
For UW Madison Campus Safety Information see <http://www.wisc.edu/students/faculty/safety.htm>*