

An academic hourly research specialist position is available in the laboratory of Dr. Kaori Yamada in the Department of Pharmacology & Regenerative Medicine in the College of Medicine at the University of Illinois at Chicago.

The Yamada laboratory studies the mechanisms of the trafficking of signaling molecules such as the receptor for the growth factor, which regulates angiogenesis and vascular leakage. The regulation of receptor trafficking is a novel concept for angiogenesis-related diseases such as cancer and eye diseases (diabetic retinopathy and wet AMD) and vascular leakage-related diseases such as metastasis of cancer. Using mouse models, cell biology, and molecular biology techniques, we are defining the mechanisms in pathological angiogenesis and vascular leakage in these diseases. The Yamada laboratory is stably supported by the National Institutes of Health and Institutional funding.

Duties:

The academic hourly research specialist is expected to manage the laboratory by maintaining mouse colonies, performing genotyping, preparing reagents, and perform the experiments under supervision of Dr. Yamada.

The Department of Pharmacology has strong research and training programs (<http://mcph.uic.edu/home>) and consistently ranks among the top 10 nationwide both in terms of NIH research funding and subject ranking.

Interested candidates are welcome to contact Dr. Yamada at horiguch@uic.edu for an informal discussion. To apply, please send a CV, a page of research experience, expected availability, and a list of 3 references to Dr. Yamada at horiguch@uic.edu.

Qualifications:

- Bachelor degree in biology or similar field for an academic hourly research specialist
- Candidates must have extensive experience in molecular biology, cell biology, and transgenic mouse models.
- Candidates must be self-motivated, and collaborative.

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