

Gut Circadian Clock

A postdoctoral training position is available in the laboratories of [Dr. Yuuki Obata](#) and [Dr. Shin Yamazaki](#) in the Department of Neuroscience at UT Southwestern Medical Center to study the circadian chrono-architecture in the gut. Our labs have several exciting projects uncovering the complex multi-cell type circadian oscillators system in the gut.

We use a variety of experimental techniques, including *ex vivo* physiological assays, behavioral assays, enteric infection, and optogenetic and chemogenetic manipulation of intestinal tissues, including the enteric nervous system. Our labs are in a highly collaborative and productive environment and have access to outstanding core facilities that provide cutting-edge technologies.

Candidates must hold a Ph.D. and/or M.D. degree and have extensive experience in basic molecular biology and physiology. Prior experience in circadian rhythm research is preferred but not required. The postdoc candidate will work with live mice and perform surgical techniques.

Both labs are affiliated with the Department of Neuroscience (Chair: Dr. Joseph Takahashi). Dr. Yuuki Obata's lab is also affiliated with the Department of Immunology (Chair: Dr. Lora Hooper) and will move to a state-of-the-art open lab space in the new building of the Peter O'Donnell Brain Institute in 2023.

Information on our postdoctoral training program, benefits, and virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, a one-page statement of research interests and career goals, and a list of three references to:

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