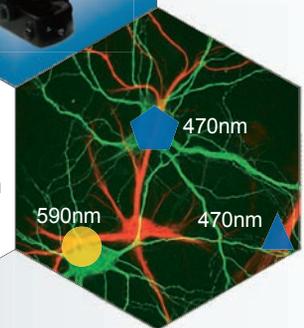
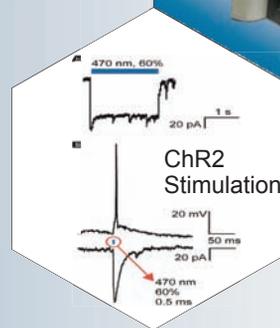


Polygon

Optical Patterned Stimulators for Optogenetics



USB Interface
Easy to Install & Operate



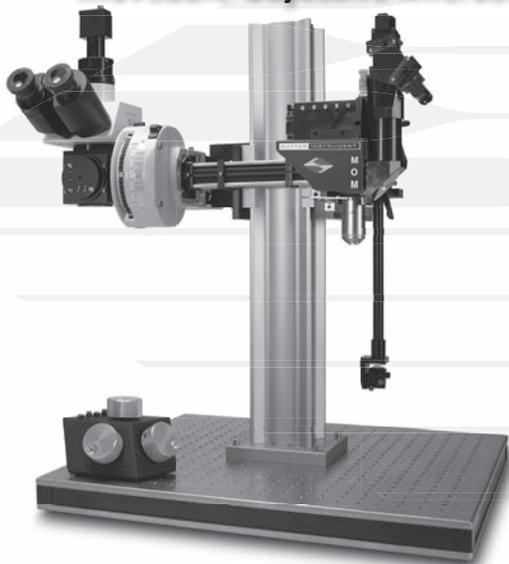
Stimulating neurons any way you choose -
anywhere, any shape, anytime, any intensity and any color



Light up neurons

MOM

Moveable Objective Microscope



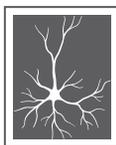
The Movable Objective Microscope (MOM) is a two-photon microscope capable of imaging deep within living specimens when combined with a Ti:Sapphire laser. The MOM design is unique in providing 3-dimensional objective movement and rotation allowing the specimen to remain stationary.

FEATURES

- Customizable open platform design
- Objective moves 22mm in X, Y and Z
- Objective rotates about optical axis for imaging of non-horizontal surfaces and volumes
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FACULTY POSITION

The Molecular and Behavioral Neuroscience Institute (MBNI) at the University of Michigan is recruiting an Assistant Professor (tenure track) whose research program focuses on fundamental aspects of nervous system development and function. We are especially interested in candidates applying molecular, cellular and genetic techniques to investigate mechanisms underlying synaptic plasticity, neural circuits, behavior or disease. We seek highly motivated and interactive individuals that will establish an internationally recognized, independently funded research program. Applicants must have a Ph.D. and/or M.D. and a strong record of research accomplishments. For more information on the MBNI see: <http://www.mbni.med.umich.edu/mbni/search.html>.

Interested candidates should send a cover letter, curriculum vitae and a 3-5 page statement of current and future research directions as a single PDF to MBNI.2015@umich.edu. Candidates should also arrange to have 3 letters of recommendation sent as PDFs to the above email address. Applications and letters of recommendation will be considered up until November 1, 2014.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an equal opportunity employer.

Director Neurotransgenic Laboratory
Duke University

The Department of Neurobiology at Duke University is seeking a Director to lead its Neurotransgenic Core Laboratory. The mission of the Core is to provide first class service to the neuroscience community at Duke University in the design and generation of animal models and cell lines with precise genome modifications. The Neurotransgenic Lab's activities include experimental design and construction of transgenic/targeting vectors, generation and preparation of BAC DNA for microinjection, gene targeting in mouse embryonic stem (ES) cells, and genotyping ES cells and founder transgenic mouse.

The successful candidate will be expected to manage the core, maintain knowledge of emerging technologies in transgenic science and implement new transgenic technology for neuroscience research. There may be opportunities for collaborative science in the neuroscience community, depending on the skill set of the successful candidate.

Qualified applicants must have a PhD or MD degree and extensive experience in molecular biology techniques including targeting/transgenic vector design, cloning and BAC recombinering technology. Experience with CRISPR/Cas technology is a plus and highly desired. Experience in neuroscience is advantageous, but not required. Excellent communication skills are required.

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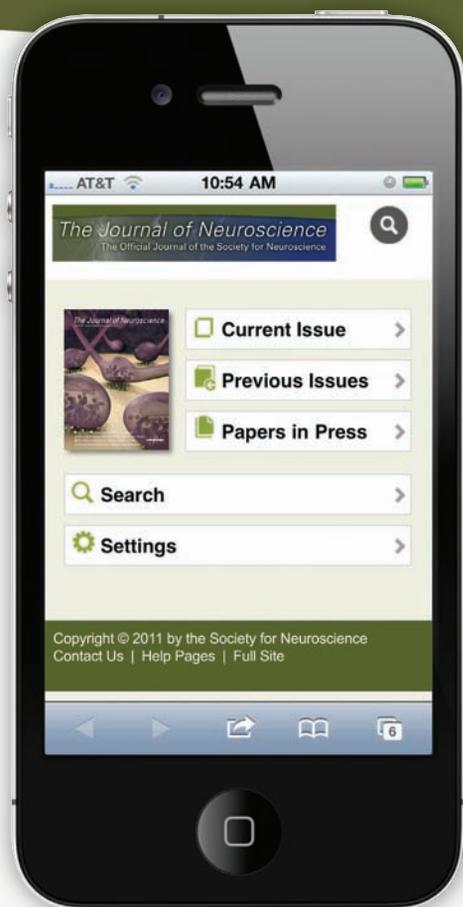
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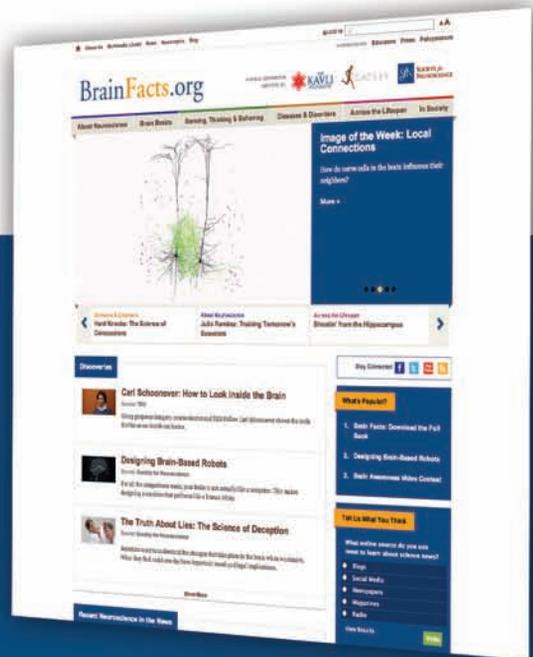
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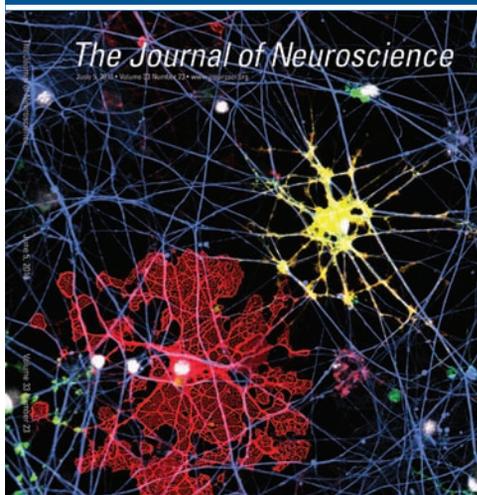
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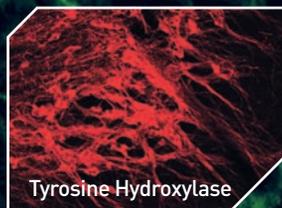
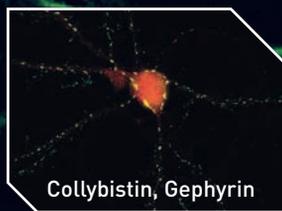
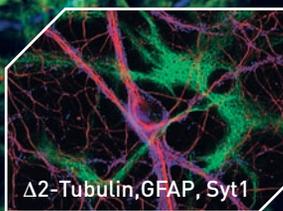
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