Weekly Seminar

1:25 pm - 2:15 pm
Friday, April 14, 2017
Heritage Hall - Room 125

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“Cardiac optogenetics: a research update in my laboratory”

Optogenetics is an emerging tool that uses light to remotely and precisely control the activity of cells (and animals) that express light-gated proteins such as ChR2. In this presentation I will show how we could use this innovative technique to control the electrophysiology of neonatal rat ventricular cardiomyocytes (NRVM). The effect of inducible lentiviral-mediated ChR2 expression on NRVM cultures will also be discussed.

Click here for more information on Dr. Zhou’s lab and research.