Bi-directional control of epileptic networks by the thalamus

Prof. Jeanne T. Paz
Gladstone Institute of Neurological Disease & Neurology at UCSF, San Francisco, USA

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Life & Brain Center, Seminar Room, Ground Floor

Jeanne Paz is an investigator at the Gladstone Institute of Neurological Disease and Assistant Professor of Neurology at UCSF, San Francisco. Her laboratory is focusing on cellular, circuit, and molecular mechanisms by which brain injuries, cerebrovascular disease, and genetic mutations cause neurological disorders such as epilepsy. One very notable contribution of the Paz lab has been the discovery that seizures can be instantaneously aborted in real-time with closed-loop optogenetic control of a specific cell type. This novel finding has led to the award of the International Michael Prize in 2015, which is the top prize in epilepsy research world-wide.

Selected Publications

