



## **Yu Shin Kim, PhD**

Associate Professor

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*PACAP38 Mediates Stress-Induced Headache Via Mast Cell-Specific Receptor*

Dr. Yu Shin Kim graduated Johns Hopkins University and did postdoc at Johns Hopkins University. Currently, he is an associate professor in the School of Dentistry at the University of Texas Health at San Antonio (UTHSA) where it is well known for its strong group in pain research. His research is focused on the function and regulation of sensory modalities, including pain, itch, and gentle touch, and on understanding the cellular and molecular mechanisms of pain by studying neural circuit activities evoked by pain in normal and disease conditions like chronic pain and temporomandibular disorders (TMD). His lab developed in vivo GCaMP calcium and voltage sensor voltage imaging of intact dorsal root ganglia (DRG) and trigeminal ganglia (TG) to study molecular and cellular mechanisms of somatosensory system.