

The Discovery of Endo-Capsaicins and New Approaches for Pain Management

The “capsaicin receptor” TRPV1 integrates many inflammatory stimuli to trigger inflammatory hyperalgesia (pain). We recently have discovered that oxidized linoleic acid metabolites (OLAMs) serve as endogenous capsaicin-like agents to mediate pain. This seminar will discuss their pharmacology and the development of novel “anti-OLAM” analgesics.

Ken M. Hargreaves, DDS, PhD
Professor and Chair, Department of Endodontics
President's Council Endowed Chair in Research
University of Texas Health Science Center at San Antonio