

Involvement of Nerve Growth Factor and Tyrosine Kinase type A Receptor signaling pathways in Arthritis in knock-in TrkA/C mice: multimodal approach

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Joint



Anti-calcitonin gene related peptide (CGRP) => peptidergic nerve fibers

partially due to a change in peptidergic innervation of the joint and sprouting following arthritis. Finally, loss of TrkA signaling pathways activation seems to impact bone remodeling following arthritis. We are currently investigating the TrkA signaling pathways involved in pain at the level of the dorsal root ganglia and in bone remodeling in osteoclast cultures.