



## Pain and Chronic Pain

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### Message from the Guest Editor

Dear Colleagues,

Pain and chronic pain are major health problems that are usually treated with oral opioids and oral nonsteroidal anti-inflammatory drugs. These drugs are dangerous and kill thousands of people yearly from respiratory depression, seizures, ulcers, heart attacks, and strokes. This issue will discuss mechanisms of induction of pain and chronic pain, especially in the skin. Transient receptor potential cation channels and other skin pain receptors will be of interest. The use of topical medicines in the treatment of pain and chronic pain will be a central theme of the issue. The use of cannabinoids, monoterpenoids, and other plant-derived medicines will be included.

Prof. Dr. James David Adams

*Guest Editor*

