Tentative Outline
Special Issue for Current Medicinal Chemistry

Guest Editor: Dr. James David Adams
Pain and Inflammation

Aims & Scope:

This issue will discuss several different chemical approaches to the treatment of pain, such as with natural products, designed molecules, opioids and NSAIDs.

Topics to be covered (main bioactive component):

• Molecular design
• Natural product chemistry
• Signaling pathways involved in pain and their potential importance in pain management

List of tentative papers:

James Adams - Sesquiterpenes Designed to Relieve Pain and Cure Chronic Pain
Teresa Hudson – Opioid use epidemiology
Jacob Hunnicut – Pain medications in the elderly
Karen Krukowski – HDAC6 inhibition in pain management
Katherin Morley – Opioid use in children after surgery
D Fornasari – Chemistry of Opioids
Sara Calatayud – Chemistry of NSAIDs
Julio Camarero – Chemistry of cyclotides involved in pain relief
Keywords:

Pain, cyclooxygenase, chemokine, prostaglandin, transient receptor potential cation channel, IL-17, opioid induced hyperalgesia

Schedule:

July 2018.