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THE USE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN NEUROLOGICAL DISEASES

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Highlights

- NSAIDs exhibit their primary therapeutic effect by inhibiting the synthesis of prostaglandins and cyclooxygenase enzymes.
- Neuroinflammation plays an important role in the pathogenesis of neurodegenerative diseases.
- PPAR- γ synthetic agonists promote the survival of neurons.
- Microglia are an important source of prostaglandins and play a key role in neurological activity in the central nervous system.

Abstract

Non-steroidal anti-inflammatory drugs (NSAIDs) have been in use for many years and constitute a large part of prescriptions issued in daily practice. Although NSAIDs are used for many diseases in neurology, they have also been tested as a new therapeutic option for various other diseases. While their effects on headache and cerebrovascular diseases are well known, little is known about their impact on neurodegenerative diseases. This review discusses the use, effects and safety of NSAIDs in neurological diseases.

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