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Authors: Murat Terzi, Gamze Altun, Sedat Şen, Adem Kocaman, Arife Ahsen Kaplan, Kıymet Kübra Yurt, Süleyman Kaplan



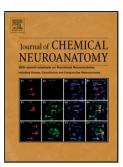
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## ACCEPTED MANUSCRIPT

Review

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

Murat Terzi <sup>1\*</sup>, Gamze Altun<sup>2</sup>, Sedat Şen <sup>1</sup>, Adem Kocaman<sup>2</sup>, Arife Ahsen Kaplan<sup>2</sup>, Kıymet Kübra Yurt<sup>2</sup>, Süleyman Kaplan<sup>2</sup>

<sup>1</sup> Department of Neurology, Faculty of Medicine, Ondokuz Mayis University, Samsun, Turkey <sup>2</sup> Department of Histology and Embryology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey

#### \* Corresponding Author

Murat Terzi, MD Department of Neurology, Faculty of Medicine, Ondokuz Mayis University, Samsun, Turkey E-mail: mterzi@omu.edu.tr

#### **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.
- Microglias 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. Download English Version:

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