



Behavioural Neurology

Special Issue on  
**Understanding and Expression of Emotions in  
Epilepsy**

# CALL FOR PAPERS

In the last two decades there have been tremendous interest and research efforts by the neuroscience community to understand the neurobiological basis of different aspects of emotions. The recognition of emotional signals from all sensory modalities is a critical component of human social interactions. Indeed, it is through the understanding of the affective states of others that we can guide our own behavioural responses. The anteromedial temporal lobe region has been demonstrated to play a critical role in decoding the emotions, mental states, and beliefs of others. In the field of epilepsy, this knowledge has several clinical, as well as speculative, implications. Indeed, temporal lobe epilepsy, the most common type of focal epilepsy, is frequently characterised by lesions or gliosis/atrophy (hippocampal sclerosis) involving the medial temporal lobe region. Moreover, anteromedial temporal lobe resections are the standard treatment for drug-resistant temporal lobe epilepsy.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand the neurobiology and the consequences of different epileptic disorders on the brain systems involved in evaluation and execution of emotional behaviors.

We are particularly interested in articles describing the alteration in perception, experience, and expression of emotions in epilepsy during the lifespan, from childhood to adulthood. In particular, we are interested in chronic epilepsy conditions and in evaluating the impact of epilepsies starting in childhood, as well as the role of surgery to treat focal drug-resistant epilepsies.

Potential topics include, but are not limited to:

- ▶ Evaluation and processing of emotional stimuli
- ▶ Expression of emotions by face, body, and autonomic nervous system during seizures and the postictal period
- ▶ Emotional experience
- ▶ Social cognition
- ▶ Effects of drugs on the evaluation of emotional stimuli and emotional experiences
- ▶ Relationships between emotion understanding and mood disorders, psychiatric comorbidities, and psychosocial measures of well-being

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bn/end/>.

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