

# Editorial overview of the current issue of MOJ anatomy & physiology

## Editorial

The current issue of MOJ Anatomy and Physiology presents papers dealing with anthropometric studies and neuronal-related studies. These articles include:

- i. Two articles dealing with anthropometric studies pertaining to facial features.
- ii. A case study on the anatomical variations of the Musculocutaneous nerve.
- iii. An analysis of the expression of the neuronal Per-Arnt-Sim domain protein 4 (Npas4) following ischemic stroke.
- iv. The relationship of biomechanics to neuronal movement processes via the primary motor cortex (as pertaining to clinical movement retraining strategies).

Specifically, the anthropometric studies focus on facial morphology of Indian American populations. These two studies provide morphometric data that can be used in surgical procedures. The musculocutaneous nerve case study reports new variations in this nerve's branching pattern as studied in cadavers. The Npas4 study provides data indicating that this protein is up-regulated in a rat model following ischemic stroke and suggests that Npas4 may be involved in the pathophysiological mechanisms of post-infarction. Finally, the

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biomechanics article focuses on the clinical pathologies of motor control as related to kinetic therapy retraining strategies.

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## Conflict of interest

Author declares that there is no conflict of interest.