



BioMed Research International

Special Issue on
Quantitative Anatomical Studies

CALL FOR PAPERS

Most of the studies in medicine are related to the examination of geometrical properties of an organ or organism. Today, the development of imaging techniques allows an organ or organism's appearance or shape to be used as input data. In recent years, there has been considerable interest in quantitative methods for anatomical studies. The present special issue aims to provide the most reliable comparison of anatomical structures. In morphological sciences, it is easier to discuss the differences between ethnic and racial groups and to compare individual variations in both sexes, examining the morphologic structures of organs or organisms with regard to diseases or environmental factors. Also, Quantitative Anatomical Studies are performed extensively to explore and model growth and allometry by using geometrical morphometric approaches.

Potential topics include, but are not limited to:

- ▶ Anatomical effects of diseases or biological processes
- ▶ Anatomical effects of sex, age, or environmental conditions
- ▶ Examination of the geometrical properties of an organ or organism
- ▶ Anatomical effects of therapy
- ▶ Effects of therapy on shapes of organ or organism
- ▶ Comparison of biological structures
- ▶ Anatomic deformations
- ▶ Asymmetry studies
- ▶ Growth and allometry studies
- ▶ Morphometric assessments
- ▶ Morphologic assessments
- ▶ Quantitative analysis of microstructures
- ▶ Three-dimensional imaging and modeling of anatomic structures
- ▶ Modern morphometric applications

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

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