

Special Issue

Biostatistics in Brain Diseases - Future Approaches

Message from the Guest Editors

Brain diseases such as stroke, as well as neuropsychiatric diseases, are major causes of disability, death and social exclusion worldwide. Novel approaches using previously used health assessment methods based on objective measurable indicators: neuroradiological, genetic, biochemical or immunological, may lead to a better understanding of the health status and reduce the long-term disability of patients in these brain diseases. Biostatistical analyses can provide a basis for the appropriate use of applied research tools or the identification of the most effective combinations of measurement methods used in these diseases.

Therefore, this special issue aims to present a novel approach using biostatistical analyses in the selection of applied methods for the assessment of health status in common brain diseases, based on objective measurable indicators: neuroradiological, genetic, biochemical or immunological, thanks to which we can better understand the state of health and the progress that has been made in understanding the mechanisms, diagnosis and treatment of diseases, i.e. stroke or selected neuropsychiatric diseases.

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