



Editorial

Journal of Experimental and Clinical Neurosciences (JECNS): A Bridge from Experimental Neuroscience to Clinical Neuroscience – JECNS Launching Editorial

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While the term neuroscience means different things to different people, by definition, it is the scientific study of nerves

and especially of how nerves affect learning and behavior [1]. Recorded knowledge of the nervous system dates back to

ancient Egypt [2] and certain concepts in modern neuroscience can be traced back to speculations of ancient Greek philosophers and physicians [3]. In recent years, neuroscience has been evolving into an interdisciplinary field interconnecting with physics, chemistry, and mathematics, despite traditionally being considered a branch of biology. Exploration of the nervous system is a work in progress, and a topic that captures popular imagination. Indeed, neuroscience has become a new genre and a central issue in current medical science, due to the enormous complexity of the nervous system, and its importance for health. Moreover, the boundaries between clinical neuroscience disciplines are being blurred, as they are increasingly affected by basic neuroscience investigations, and vice versa. Translational neuroscience, which refers to the application of basic knowledge in the clinic, is among the most rapidly developing branches of medical science, intending to bridge the gap between basic and clinical neurosciences by transferring new discoveries from bench to bedside. Translational neuroscience research delves into how experimental neuroscience research informs the development of new treatments for nervous system diseases. This is precisely the mandate of the Journal of Experimental and Clinical Neurosciences (JECNS), which shall provide a forum for translational or interdisciplinary neuroscience, and for the exchange of knowledge between basic and clinical neuroscientists. The primary goal of JECNS is to function as an international, interdisciplinary vehicle for increasing our understanding of the central nervous system (CNS), and especially the underlying pathophysiology of CNS diseases, along with reports on new treatments arising from an improved understanding of disease mechanisms. JECNS shall present

the collaborative work of parties from various countries, as an open access journal publishing manuscripts on a wide range of topics in translational neuroscience. We invite our colleagues around the world to submit their work in the form of original research articles, review articles, case reports, short communications, and letters to the editor. With your contributions, we can better hope to provide insights into diseases of the CNS that today remain one of the most significant causes of suffering, and place a significant burden on societies around the globe. In the words of the pioneering Spanish neuroanatomist and Nobel Laureate Santiago Ramón y Cajal: "As long as our brain is a mystery, the universe, the reflection of the structure of the brain will also be a mystery". So, let us work together to unveil this mystery for the benefit of all.

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