



Brain/Mind Activity and Molecular Dynamics in Biological Systems

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Message from the Guest Editors

In brain studies, such a need of merging the atomist and dynamical views has been stressed since the forties by Karl Lashley who, based on observations in his laboratory, recognized that “nerve impulses are transmitted [...] from cell to cell through definite intercellular connections. Yet, all behavior seems to be determined by masses of excitation [...] within general fields of activity, without regard to particular nerve cells”.

This IJMS Special Issue is devoted to works, articles, or reviews aimed at merging the properties of individual molecules in biological systems with their dynamical interplay in the “living and thinking human being”. The aim is to provide a vision of the already known and possible interactions that link the functioning of the brain with other organs and the continuum of cells immersed in their aqueous environment that is rich in polar molecules in constant reciprocal interaction and as dissipative systems open to the environment. developments and update the current stage of knowledge.





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Message from the Editor-in-Chief

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