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Review Article

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Reflections about a “Membrane” between Mind and Brain

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This review presents biophysical and quantum physical aspects of informational processes coming from the early evolution till the human brain. Here, the sophistication in the layered cortex architecture as well as the functional orientation of its areas has built nearly “free” zones for associations and connections. With our self-consciousness, a further horizon is re ...

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Mini Review

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Essay on information processes in the human brain

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This mini-review discusses the temporal discrepancy between subjective introspection of mental processes and the speed of classical synaptic and action potential transmission to all centers involved. In the latter instruments available measure significantly slower time frames. Gap junctions as electric synapses are found within the upper cortex layer in a significant ...

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