2025 | Volume Volume - 9 - Issue Issue - 1

In this issue

Review Article

Open Access Review Article PTZAID:AAP-9-123

Reflections about a “Membrane” between Mind and Brain

Published On: October 22, 2024 | Pages: 007 - 020

Author(s): Richard HW Funk*

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 ...

Abstract View Full Article View DOI: 10.17352/aap.000023

Mini Review

Open Access Mini Review PTZAID:AAP-9-122

Essay on information processes in the human brain

Published On: June 29, 2024 | Pages: 001 - 006

Author(s): Richard HW Funk*

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 ...

Abstract View Full Article View DOI: 10.17352/aap.000022