

Review of: "Neural Quantum Superposition and the Change of Mind"

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Potential competing interests: No potential competing interests to declare.

It is an interesting idea per se to transfer principles from the quantum world to the functioning of the human brain.

Although this is only an analogy, knowledge could spread from one area (quantum physics) to another area (neurophysiology). However, this only makes sense if phenomena (in this case from neurophysiology) can actually be explained. But this is by no means the case. The author then states: "The here presented approach does not prove anything."

The approach presented is so far away from the reality of the brain that no knowledge gain arises from it.

It should also be noted that the superposition of two different states of the same object does not generate entanglement. Entanglement requires several objects and is defined in the product space of the components.