

Dear Reza,

I would suggest that the text

b) It is known that bio-photons are important and one may argue that bio-photons [35] - or whatever is behind them - propagating along pathways parallel to axons analogous to wave guides serve as carriers of neuronal and biological information. This would force to challenge the views about the role of nerve pulses.

should be replaced with the text

b) There is evidence that biophotons [35] are relevant for both biology and neuroscience. Popp [36, 37] is one of the pioneers in the study of biophotons. There is evidence that biophoton emission from plant leaves is coherent [39] and that both DNA [38] and cell membrane [40] can act as a source of biophotons. There is also evidence that bio-photon emission correlates with neural activity [42], that biophoton emission correlates with EEG [43] and findings suggesting that biophotons could act as neural communication signals [41].

Hence one may argue that bio-photons - or whatever is behind them - propagating along pathways parallel to axons analogous to wave guides could serve as carriers of neuronal and biological information.

This would force to challenge the views about the role of nerve pulses.

The following list gives the references.

References

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