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'Catching the Waves' - Slow Cortical Potentials as Moderator of Voluntary Action

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Highlights

- The readiness potential (RP) is an ongoing negativity preceding voluntary action
- So far the RP was interpreted as a preparatory signal for a self-initiated movement
- New evidence can explain the RP also as consequence of prior slow cortical potentials (SCP)
- This evidence challenges the classical interpretation of experiments on free will
- This new hypothesis is in agreement with prior research on SCPs and voluntary action

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