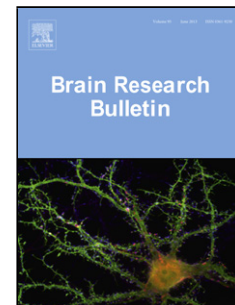


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Title page

Title: Optical mapping of prefrontal brain connectivity and activation during emotion anticipation

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Highlights

- Small-world properties were discovered underlying positive, negative and neutral emotional anticipations
- Positive emotion anticipation manifested larger cluster coefficient compared with negative and neutral ones.
- Left dlPFC was activated during positive emotion anticipation.

Abstract

Accumulated neuroimaging evidence shows that the dorsal lateral prefrontal cortex (dlPFC) is activated during emotion anticipation. The aim of this work is to examine the brain connectivity and activation differences in dlPFC between the positive, neutral

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