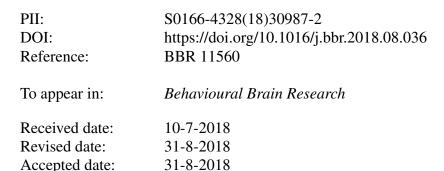
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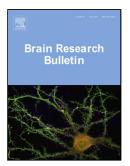
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## ACCEPTED MANUSCRIPT

**Title:** Expectation of exercise in trained athletes results in a reduction of central processing to nociceptive stimulation

Authors: Maria Geisler<sup>a\*</sup>, Luise Eichelkraut<sup>a</sup>, Wolfgang H. R. Miltner<sup>a</sup>, Thomas Weiss<sup>a</sup>

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#### Highlights

- Reduced central processing to nociceptive stimulation in expectation of a run.
- This reduced central processing is more pronounced in less trained athletes.
- fMRI data indicates a generally reduced pain processing in highly trained athletes.

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