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Inflammatory pain by carrageenan recruits low-frequency local field potential changes in the anterior cingulate cortex

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Highlights

- Local field potential (LFP) was recorded in the anterior cingulate cortex in freely moving rats
- Inflammatory carrageenan increased delta, theta, and alpha band activity (0-13 Hz)
- Mechanical stimulation on inflamed paw additionally recruited gamma band (13-30 Hz)
- Carrageenan selectively recruited the 0-30 Hz activity in the LFP range

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