

## Accepted Manuscript

Title: Neurophysiological differentiation between preattentive and attentive processing of emotional expressions on French vowels

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PII: S0301-0511(17)30302-2  
DOI: <https://doi.org/10.1016/j.biopsycho.2017.10.013>  
Reference: BIOPSY 7457

To appear in:

Received date: 21-4-2017  
Revised date: 17-10-2017  
Accepted date: 30-10-2017

Please cite this article as: Carminati, Mathilde, Fiori-Duharcourt, Nicole, Isel, Frédéric, Neurophysiological differentiation between preattentive and attentive processing of emotional expressions on French vowels. *Biological Psychology* <https://doi.org/10.1016/j.biopsycho.2017.10.013>

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# Neurophysiological differentiation between preattentive and attentive processing of emotional expressions on French vowels

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## Research Highlights

- Emotion conveyed by spoken vowels was able to significantly modulate MMN and P3a.
- Fear stimuli had a special status at an early stage of emotional processing.
- Fear lead to larger amplitude (MMN, P3a), shorter latency (MMN) than other emotion.

## Abstract:

The present electrophysiological study investigated the processing of emotional prosody by minimizing as much as possible the effect of emotional information conveyed by the lexical-semantic context. Emotionally colored French vowels (i.e., happiness, sadness, fear, and

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