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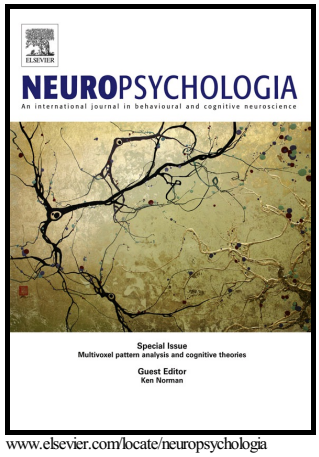

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Contrasting dynamics of memory consolidation for novel word forms and meanings revealed by behavioral and neurophysiological markers

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Abstract

Learning novel words is a challenging process for our memory systems; we must be able to recall new word forms and meanings in order to communicate. However, the dynamics of the word memory formation is still unclear. Here, we addressed the temporal profile of two key cognitive markers of memory consolidation in the domain of word learning: *i*) the susceptibility of recently learned novel words to memory interference; *ii*) their lexical integration using a semantic judgment task while recording the ERPs responses. Young adults acquired a set of novel picture-label-meaning

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