<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th>The effect of pain on cognitive function: a review of clinical and preclinical research.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Author(s)</strong></td>
<td>Moriarty, Orla; McGuire, Brian E.; Finn, David P.</td>
</tr>
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<tr>
<td><strong>Item record</strong></td>
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</tbody>
</table>

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Amy
Hipp
PAG
ACC
IC
PFC
Neuroplasticity theory
Limited Resource theory
Neuromediator theory
Co-activation
↓ grey matter
↓ dendrite length & branching
↓ spine density
↑ volume
↑ EPSP amp.
↑ LTP
↓ LTP
↓ Neurogenesis
↓ grey matter

↑ volume
↑ EPSP amp.
↑ LTP

↑ glutamate
↑ ECs
↑ BDNF

↑ astroglial activation
↑ CB1 activity

↑ monoamines
↓ N-acetyl aspartate
↑ pro-inflammatory cytokines
↑ caspases
↑ GABA signalling

↑ glutamate

↑ ECs
↑ BDNF

↑ astroglial activation
↑ CB1 activity

↑ glutamate