Conférence

CRCHUM

Université de Montréal

AXE NEUROSCIENCES

CONFÉRENCIER

Zoom : https://us06web.zoom.us/j/84956368140?pwd=zAEhX3OhUD4xAgCuzzjDiWKCCs9nR9.1

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Hippocampal representations during context fear discrimination

To prevent memory interference, the hippocampus is thought to differently represent experiences at the neuronal level. Here we use 1-photon microendoscope calcium imaging in the dorsal and ventral hippocampus during a novel context memory "teleportation" task to examine how the hippocampus represents threatening and neutral context memories. We found that compared to the dorsal hippocampus, the ventral hippocampus represents threatening and neutral context memories similarly. This representational similarity coding scheme is associated with a faster retrieval of the context fear memory in the ventral hippocampus.

Le vendredi 13 octobre 12 h à 13 h

L'AUDACE DE CHERCHER PLUS LOIN

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