

Abstract

Perception of time-space, its subsequent storage and eventual recall is essential for survivor of the most, currently living organisms. In the higher vertebrates, this process is part of the declarative memory. This work will mainly focus on description of spatio-temporal interaction of these engrams in hippocampus mediated by place cells and newly discovered time cells. This work will also mention with that connected importance and function of time perception. At the end there are described timing strategies that might be acquired by subjects in behavioral tasks.