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Head direction cells: pr Robert U Muller¹, James E

The strong signal carried by head direction ce postsubiculum complements the positional sig by hippocampal place cells; together, the dire positional signals provide the information nece rats to generate and carry out intelligent, effici to spatial problems. Our opinion is that the hip positional system acts as a cognitive map and of the directional system is to put the map into the environment. In this way, paths found usin be properly executed. Head direction cells have discovered in parts of the thalamus reciprocal with the postsubiculum; such cells provide impath organization of the directional system.

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