

Neural network activity linking human brain structures with autistic behaviours

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Abstract

Various large-scale anatomical characteristics have been reported in brains of individuals with prevalent psychiatric disorders such as depression, schizophrenia, and autism. However, the biological mechanisms linking such brain anatomy with symptomatic behaviours seen in these disorders have not been fully understood. Here, focusing on high-functioning adult autism, I will talk about a possibility that hypothetical/empirical neural dynamics on whole-brain network can be such a key bridge filling the gap between anatomy and behaviours.

Host: Hiro. Nakahara Lab for Integrated Theoretical Neuroscience