

Biography

Dr. Masako Tamaki

RIKEN Hakubi Team Leader

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After obtaining her PhD at Hiroshima University, Dr. Masako Tamaki has continued to investigate the roles of sleep in learning, memory, and dreaming in Atinoula A. Martinos Center for Biomedical Imaging (US), Advanced Telecommunications Research Institute International (Japan), and Brown University (US).

Dr. Tamaki started her lab at RIKEN in 2021 where she aims to elucidate the roles of sleep in healthy cognitive functions in humans using multimodal neuroimaging techniques. Her team currently investigates neurochemical processing and cerebrospinal fluid dynamics by leveraging ultrahigh-field 7 Tesla MRI, to demonstrate the impacts of sleep on human mind and behaviors.

