

**List of Global Collaborative Research Project FY2024, Brain Research Institute, Niigata University**

	Project#	New Renewal	Project Title	Principal Investigator			BRI Host Collaborator	
				Affiliation	Position	Name	Dept	Name
1	G202303	Renewal	Bromodomain inhibitor as a novel radiosensitizer for diffuse midline glioma	Department of Pediatrics, University of Alabama at Birmingham	Associate Professor	Rintaro Hashizume	Advanced Treatment of Neurological Diseases Branch	Manabu Natsumeda
2	G202304	Renewal	Sexual Dimorphism in the Serotonergic System	Dept. Neurobiology, Univ. of Massachusetts Chan Medical School, Brudnick Neuropsychiatry Research Institute	Associate Prof.	Kensuke Futai	Dept. of Cellular Neuropathology	Motokazu Uchigashima
3	G202401	New	Clinicopathological study of patients with autopsy-proven Parkinson's disease	Department of Neurology, Busan Paik Hospital, Inje University College of Medicine	Associate Prof.	Eun Joo Chung	Dept. of Pathology	Akiyoshi Kakita
4	G202402	New	Applying spatial transcriptomics to understand regional heterogeneity in high-grade astrocytoma with piloid features (HGAP), a new WHO diagnostic entity	Department of Pathology and Laboratory Medicine, UCLA	Professor and Chief	Fausto J. Rodriguez	Advanced Treatment of Neurological Diseases Branch	Manabu Natsumeda
5	G202403	New	Non-inclusion $\alpha$ -synuclein co-pathology in neurodegenerative diseases	DANDRITE – Danish Research Institute for Translational Neuroscience Dept. of Biomedicine, Faculty of Health, Aarhus University, Denmark	PhD Fellow	Nanna Møller Jensen	Dept. of Pathology	Akiyoshi Kakita
6	G202404	New	Unraveling the Genetic Basis of Neurodegenerative Diseases in South Sulawesi	Department of Neurology, Faculty of Medicine, Hasanuddin University	Associate Prof.	Muhammad Akbar	Dept. of Molecular Genetics	Akinori Miyashita
7	G202405	New	Analysis of Brain Somatic Mutations in Guam Amyotrophic Lateral Sclerosis/Parkinson Dementia Complex	Department of Neurology, Asan Medical Center, University of Ulsan College of Medicine	Assistant Prof.	Hyunjin Kim	Dept. of Pathology	Akiyoshi Kakita
8	G202406	New	Elucidating Memory Enhancement: A Comprehensive Study of Novelty-Mediated Neural Circuits	Department of Biomedicine, Aarhus University	Associate Prof.	Tomonori Takeuchi	Dept. of Animal Model Development	Manabu Abe
9	G202407	New	Investigating the mechanism of adaptive radioresistance in Glioblastoma	Department of Neurosurgery, School of Medicine and O'Neal Comprehensive Cancer Center, University of Alabama at Birmingham	Assistant Prof.	Satoru Osuka	Advanced Treatment of Neurological Diseases Branch	Manabu Natsumeda