

List of Global Collaborative Research Project FY2025, 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	Dept. of Neurosurgery	Makoto Oishi
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	G202403	Renewal	Non-inclusion α -synuclein co-pathology in neurodegenerative diseases	DANDRITE – Danish Research Institute for Translational Neuroscience Dept. of Biomedicine, Faculty of Health, Aarhus University, Denmark	Postdoc	Nanna Møller Jensen	Dept. of Pathology Neuroscience	Mari Tada
4	G202404	Renewal	Unraveling the Genetic Basis of Neurodegenerative Diseases in South Sulawesi	Department of Neurology, Faculty of Medicine, Hasanuddin University	Prof.	Muhammad Akbar	Dept. of Molecular Genetics	Akinori Miyashita
5	G202407	Renewal	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
6	G202501	New	Spatial transcriptomics and single-cell RNA sequencing to determine regional differences of genetic expression in desmoplastic/nodular type medulloblastomas	Johns Hopkins University School of Medicine	Prof.	Charles G. Eberhart	Advanced Treatment of Neurological Diseases Branch	Manabu Natsumeda
7	G202502	New	Neuromodulatory control of value map formation and self-initiated navigation	Max Planck Institute for Brain Research	Research Group Leader	Hiroshi Ito	Dept. of Cellular Neuropathology	Takayasu Mikuni
8	G202503	New	Investigation of mitochondrial DNA copy number decrease in patients with neurodegenerative disease (PD, AD) and its association with immune profile	Neurology, Asan medical center, University of Ulsan, College of Medicine	Assistant professor	Sungyang Jo	Dept. of Pathology	Akiyoshi Kakita