

List of Global Collaborative Research Project FY2019, Brain Research Institute, Niigata University

As of May 31, 2019

No.	New Renew	Project Title	Principal Investigator			BRI Host Collaborator	
			Affiliation	Position	Name	Dept	Name
G201901	New	Targeting of GD2 as a novel treatment for diffuse intrinsic pontine gliomas	Department of Neurological Surgery, Biochemistry and Molecular Genetics / Feinberg School of Medicine / Northwestern University, USA	Assistant Prof.	Rintaro Hashizume	Neurosurgery	Yukihiko Fujii
G201902	New	Role of autophagy in NF1-associated gliomas	Johns Hopkins University School of Medicine, USA	Associate Prof.	Fausto Rodriguez	Neurosurgery	Yukihiko Fujii
G201903	New	Development, optimization and validation of human AQP-4 PET Radioligand	Departments of Psychiatry and Radiology / Harvard Medical School, USA	Prof.	Marek Kubicki	Biological Magnetic Resonance	Hironaka Igarashi
G201904	New	Examining the role of Aquaporin 4 in recovery from Experimental Cerebral Malaria	University of Manchester, UK	Senior Lecturer	Kevin Couper	Biological Magnetic Resonance	Hironaka Igarashi
G2901	Renew	Preemptive medicine for Alzheimer's disease	Neurology, Univ. of California Davis, USA	Prof.	Ingrid L. Kwee	Biological Magnetic Resonance	Hironaka Igarashi
G2905	Renew	Elucidation of the roles of chromatin remodeler in neuronal homeostasis using mouse models	Dept. Neurobiology, Univ. of Massachusetts Medical School, Brudnick Neuropsychiatry Research Institute, USA	Assistant Prof.	Kensuke Futai	Comparative & Experimental Medicine	Toshikuni Sasaoka
G2906	Renew	Research on pathway-specific regulation of motor and cognitive functions via dopamine D1 and D2 receptors	Department of Medical Information Science, Institute for Genomic Biology, Univ. of Illinois at Urbana-Champaign, USA	Associate Prof.	Yanyan Wang	Comparative & Experimental Medicine	Toshikuni Sasaoka
G3004	Renew	Pathology and neuroimaging study of language impairment in amyotrophic lateral sclerosis	Department of neurology, Xuanwu Hospital of Capital Medical University, China	Fellow	Cui Bo	Pathology	Akiyoshi Kakita
G3005	Renew	Production of congenital nystagmus model mice and analysis of visual function	DANDRITE, Department of Biomedicine, Aarhus University, Denmark	Associate Prof. / Group Leader	Keisuke Yonehara	Comparative & Experimental Medicine	Toshikuni Sasaoka
G3006	Renew	Development of gene-cell therapy of Alzheimer's disease based on delivery of neurotrophic factors to brain: translational study	Kazan State Medical University, Russia	Prof.	Marat Mukhamedyarov	Pathology	Akiyoshi Kakita
G3007	Renew	Assessing molecular mechanisms of novelty-induced memory boost by using genetically-modified rats derived from embryonic stem cell line for Lister-hooded rat	Department of Biomedicine, Aarhus University, Denmark	Associate Prof.	Tomonori Takeuchi	Animal Model Development	Manabu Abe