Education and Research Programs (Amount granted: more than 10 million yen)   Data as of July 1, 2025

M E X T : Ministry of Education, Culture, Sports, Science and Technology
M E T I : Ministry of Economy, Trade and Industry
J S T : Japan Science and Technology Agency
A M E D : Japan Agency for Medical Research and Development

■ Promotion Plan for the Platform of Human Resource Development for Cancer (MEXT)

Funding Period	Project	Research Director
2023–2028	Hokkaido cancer specialist training plan intended to contribute to the community	AOYAMA Hidefumi, M.D., Ph.D. Professor, Department of Radiation Oncology

■ Growth-oriented SMEs Technology Development Support Grant Program (METI Hokkaido)

Funding Period	Project	Research Director
2023–2025	Research on innovatitive cell therapy product focusing on chronic stroke patients	KAWABORI Masahito, M.D., Ph.D. Lecturer, Department of Neurosurgery

■ Core Research for Evolutionary Science and Technology (JST)

Funding Period	Project	Research Representative
2023–2028	Understanding and manipulating brain functions produced by periodic sensory input	TANAKA Masaki, M.D., Ph.D. Professor, Department of Systems Neuroscience
2025–2026	Reverse-Translational Research focusing on Seasonal Depression	KATO Takahiro, M.D., Ph.D. Professor, Department of Psychiatry

■ Fusion Oriented REsearch for disruptive Science and Technology (JST)

Funding Period	Project	Research Representative
2022–2028	Study on the mechanisms of inflammatory memory in intestinal regeneration and tumorigenesis	TANIGUCHI Koji, M.D., Ph.D. Professor, Department of Pathology
2024–2026	Can Educational Interventions for Young Men Improve Semen Parameters and Future Fertility?	MAEDA Eri, M.D., Ph.D. Associate Professor, Department of Public Health

■ Advanced Research & Development Programs for Medical Innovation (AMED)

Funding Period	Program	Research Representative
2021–2026	Study of host cell membrane and ion dynamics during virus infection	OHBA Yusuke, M.D., Ph.D. Professor, Department of Cell Physiology

■ Alliance program for Innovative Medical/healthcare research by Government-Academia-INdustry Collaboration (AMED)

Funding Period	Project	Research Representative
2024–2029	Development of Molecular Imaging Platforms Using Stable Isotopes and Multinuclear MRI	KUDO Kohsuke, M.D., Ph.D. Professor, Department of Diagnostic Imaging

■ Practical Research Project for Rare/Intractable Diseases (AMED)

Funding Period	Program	Research Representative
2024–2026	Establishment of diagnostic methods for revertant skin in epidermolysis bullosa	NATSUGA Ken, M.D., Ph.D. Associate Professor, Department of Dermatology
2025–2027	Establishment of simple and comprehensive new diagnostic methods for pemphigoid diseases	UJIIE Hideyuki, M.D., Ph.D. Professor, Department of Dermatology
2025–2027	Creation of evidence directly linked to the diagnosis and prognosis prediction and development of useful novel biomarkers and disease classification of sarcoidosis based on the localized C. acnes and specific T cell response reacion	KONNO Satoshi, M.D., Ph.D. Professor, Department of Respiratory Medicine
2025–2027	Diagnosis of autoimmune cerebellar ataxia using anti-neural antibody measurements established in previous studies and creation of a prospective registry.	YAGUCHI Hiroaki, M.D., Ph.D. Assiociate Professor, Department of Neurology

■ Practical Research for Innovative Cancer Control (AMED)

Funding Period	Program	Research Representative
2023–2025	The development of new treatment of superselective intra-arterial infusion of cisplatin and concomitant radiotherapy for patients with locally advanced maxillary sinus cancer	HOMMA Akihiro, M.D., Ph.D. Professor, Department of Otolaryngology-Head and Neck Surgery
2024–2026	A single-arm, open-label, Phase II Trial to evaluate the safety and efficacy of Photo-immunotherapy using ASP-1929 for locally advanced/recurrent Vulvar, Vaginal, and Cervical cancer	WATARI Hidemichi, M.D., Ph.D. Professor, Department of Obstetrics and Gynecology
2025–2027	A multi-institutional randomized phase III trial to confirm the superiority of pelvic and para-aortic lymphadenectomy over pelvic lymphadenectomy for endometrial cancer at risk of lymph node metastasis	WATARI Hidemichi, M.D., Ph.D. Professor, Department of Obstetrics and Gynecology

■ Research Program on Hepatitis / Program for Basic and Clinical Research on Hepatitis (AMED)

Funding Period	Program	Research Representative
2023–2025	Study on novel glycobiomarkers for non-invasive assessment of liver fibrosis	SAKAMOTO Naoya, M.D., Ph.D. Professor, Department of Gastroenterology and Hepatology
2024–2026	Development of a Novel Liver Fibrosis Treatment and Establishment of a Therapeutic Drug Development Platform, by Using hepatocyte, Non-Parenchymal Hepatic Cells and T–Cell Targeted lipid nanoparticle	SUDA Goki, M.D., Ph.D. Lecturer, Department of Gastroenterology and Hepatology

■ Research Program on Hepatitis / Program on the Innovative Development and Application of New Drugs for Hepatitis B (AMED)

Funding Period	Program	Research Representative
2025–2027	Research on the elucidation of the mechanism of liver carcinogenesis in patients with a previous HBV infection and the development of a highly accurate carcinogenesis prediction method.	TAKETOMI Akinobu, M.D., Ph.D. Professor, Department of Gastroenterological Surgery I
2025–2027	Reserch Aimed at Unveiling Diversity and Realizing Personalized Medicine Through Genome Analysis of Hepatitis B–Related Diseases	SUDA Goki, M.D., Ph.D. Lecturer, Department of Gastroenterology and Hepatology

■ Project for Promotion of Cancer Research and Therapeutic Evolution (P-PROMOTE) (AMED)

Funding Period	Program	Research Representative
2024–2025	Development of hydrogel-based regulation of tumor heterogeneity for basis of novel cancer diagnosis and therapy	TANAKA Shinya, M.D., Ph.D. Professor, Department of Cancer Pathology
2024–2026	Development of new immunotherapy against immune checkpoint blockade-resistant skin tumor through gene-specific MHC class I induction technology	KOBAYASHI Koichi, M.D., Ph.D. Professor, Department of Immunology

■ Translational Research Program (AMED)

Funding Period	Program	Research Representative
2023–2025	Research for intracerebral transplantation of advanced interventional regenerative product made of bone marrow mesenchymal stem cells and recombinant scaffold against patient with chronic cerebral hemorrhage. (RAINBOW–HX)	FUJIMURA Miki, M.D., Ph.D. Professor, Department of Neurosurgery
2024–2028	Physician-initiated clinical trials to investigate the safety and durability of an innovative MRI-based modality for the early diagnosis of articular cartilage lesions using O–17-labeled water.	ONODERA Tomohiro, M.D., Ph.D. Associate Professor, Department of Orthopedic Surgery

■ Research on Development of New Medical Devices (AMED)

Funding Period	Project	Research Representative
2025–2026	Preparation for the Clinical Performance Evaluation of a Medical Device for the Assessment and Treatment of Pediatric Defecation Disorders	ARA Momoko, M.D., Ph.D. Specially Appointed Assistant Professor, Department of Gastroenterological Surgery I

■ Special Expenditures (MEXT)

Funding Period	Faculties	Project	Research Representative
2021–2025	Faculty of Medicine	Project for the Promotion of Cause of Death Investigation and Comprehensive Human Resources Development through Multi-disciplinary Collaboration	—