Joint Research and Collaboration with Overseas Reserch Insitutions

Academic Year 2024

Acad	Departments	Collaborating Institute	Country	Research Topics	Participants
1	Headquarters for Research and Development Strategy	University of Melbourne	Australia	Research on representation theory of W-algebras	1
2	Headquarters for Research and Development Strategy	FAU Erlangen-Nürnberg	Germany	Research on representation theory of W-algebras	1
3	International Research Center for Medical	University of Texas at San Antonio	USA	Mechanisms of hematopoietic disorders due to numerical chromosome aberrations	5
4	International Research Center for Medical	Universidad Pompeu Fabra and ICREA	Spain	Criteria for the standardization of stem-cell-based embryo models	13
5	International Research Center for Medical Sciences	Institute of Molecular Biotechnology of the Austrian Academy of Sciences (IMBA)	Austria	Criteria for the standardization of stem-cell-based embryo models	13
6	International Research Center for Medical	The Francis Crick Institute	UK	Criteria for the standardization of stem-cell-based embryo models	13
7	International Research Center for Medical	University of Sydney	Australia	Criteria for the standardization of stem-cell-based embryo models	13
8	International Research Center for Medical	Kyoto University	Japan	Criteria for the standardization of stem-cell-based embryo models	13
9	International Research Center for Medical	University of Michigan	USA	Criteria for the standardization of stem-cell-based embryo models	13
10	International Research Center for Medical	Memorial Sloan Kettering Cancer Center	USA	Criteria for the standardization of stem-cell-based embryo models	13
11	International Research Center for Medical	Weizmann Institute of Science	Israel	Criteria for the standardization of stem-cell-based embryo models	13
12	International Research Center for Medical	Institute of Genetics and Biophysics	Italy	Criteria for the standardization of stem-cell-based embryo models	13
13	International Research Center for Medical	Harvard Medical School	USA	Criteria for the standardization of stem-cell-based embryo models	13
14	International Research Center for Medical	Washington University School of Medicine	USA	Criteria for the standardization of stem-cell-based embryo models	13
15	International Research Center for Medical Sciences	Max Planck Institute of Molecular Cell Biology and Genetics	Germany	Criteria for the standardization of stem-cell-based embryo models	13
16	International Research Center for Medical	Technische Universität Dresden	Germany	Criteria for the standardization of stem-cell-based embryo models	13
17	International Research Center for Medical	Center for Systems Biology Dresden	Germany	Criteria for the standardization of stem-cell-based embryo models	13
18	International Research Center for Medical	Rice University	USA	Criteria for the standardization of stem-cell-based embryo models	13
19	International Research Center for Medical Sciences	Tokyo Institute of Technology	Japan	Immobilization secondary to cell death of muscle precursors with a dual transcriptional signature contributes to the emu wing skeletal pattern	10
20	International Research Center for Medical Sciences	Karolinska Institutet	Sweden	Immobilization secondary to cell death of muscle precursors with a dual transcriptional signature contributes to the emu wing skeletal pattern	10
21	International Research Center for Medical Sciences	The Jikei University School of Medicine	Japan	Immobilization secondary to cell death of muscle precursors with a dual transcriptional signature contributes to the emu wing skeletal pattern	10
22	International Research Center for Medical Sciences	University of Californa, San Fransiso	USA	Coupling and uncoupling of midline morphogenesis and a large-scale cell flow in avian gastrula	1
23	International Research Center for Medical	Stanford University	USA	Application of biophisical analysis to gastrulation movements	2

24	International Research Center for Medical Sciences	University of Miami	USA	Fluid dynamics based visualization/quantification technique to a large-scale cell flow during gastrulation	2
25	International Research Center for Medical	Rutgers University	USA	The role of ketone body metabolism in age associated diseases	2
26	International Research Center for Medical	University of Eastern Finland	Finland	The role of ketone body metabolism in cardiovascular development	2
27	International Research Center for Medical	The Danish Research Institute of Translational Neuroscience.	Denmark	Integration of epegenetic modifications during the heart development	2
28	International Research Center for Medical	Korea Advanced Institute of Science and Technology	Republic of Korea	Rerationship between angiogenesis and metabolism	3
29	International Research Center for Medical	Charité-Universitätsmedizin Berlin / Max Delbrück Center	Germany	Post translational modification induced by ketone bodies	3
30	International Research Center for Medical	University of Torino	Italy	Ketone body metabolism and cardio toxicisity	4
31	International Research Center for Medical	Karolinska Institute	Sweden	Analysis of hematopoietic stem cell characteristics using thermal proteome	5
32	International Research Center for Medical	Jagiellonian University	Poland	Regulations of erythroid differentiation in hematopoietic stem cells	4
33	International Research Center for Medical	Virginia Commonwealth University	USA	Roles for maternal bile acid synthetic enzymes in fetal development	4
34	International Research Center for Medical Sciences	Lund University	Sweden	Development of a gene induction system to hematopoietic stem cells using nano-straw technology	4
35	International Research Center for Medical	École polytechnique fédérale de Lausanne	Switzerland	Study about function and development of the brain	1
36	International Research Center for Medical	University of Cambridge	UK	Study about function and development of the brain	1
37	International Research Center for Medical	National Institutes of Health	USA	High-resolution analysis of higher order chromatin structures	8
38	International Research Center for Medical	A*STAR, Bioinformatics Institute / Singapore	Singapore	Understanding of Imprinting Immune Competence in Hematopoietic Stem Cells	6
39	International Research Center for Medical Sciences	University of California San Francisco / United States of America	USA	Understanding of Imprinting Immune Competence in Hematopoietic Stem Cells	6
40	International Research Center for Medical	Friedrich Loeffler Institute	Germany	Understanding of a role of mitochondrial tRNA in hematopoiesis	6
41	International Research Center for Medical	Oklahoma State University	USA	Immunometabolism in sarcopenia and obesity	3
42	International Research Center for Medical	P. Universidad Católica de Chile	Chile	Immunometabolism in sarcopenia and obesity	1
43	International Research Center for Medical	California University Los Angeles	USA	Endocardial hematopoiesis	3
44	Faculty of Life Sciences	Singapore University of Social Sciences	Singapore	Developing the assessment methods of children's cognition and behaviour using new devices	3
45	Faculty of Life Sciences	Orygen Institute	Australia	Developing the assessment methods of children's cognition and behaviour using new devices	3
46	Faculty of Life Sciences	University of Pavia	Italy	Study of the pathogenesis on amyloidosis	3
47	Faculty of Life Sciences	University of California, Los Angeles	USA	Collaborative research on amyloid detection using MRI	3
48	Faculty of Life Sciences	Georgia State University	USA	Establishment of therapeutic approaches on intractable respiratory infection	8
49	Faculty of Life Sciences	Washington University in St. Louis	USA	Establishment of therapeutic approaches on intractable kidney diseases	6
50	Faculty of Life Sciences	The University of Manchester	UK	Comprehensive and pharmacological verification of therapeutic targets for glomerulonephritis identified by single cell	1
51	Faculty of Life Sciences	University College of London	UK	CTLA-4 immune regulation	1
52	Faculty of Life Sciences	University of Oxford	UK	CTLA-4 immune regulation	1
53	Faculty of Life Sciences	Pirbright institute	UK	Development of ASFV vaccine	1
54	Faculty of Life Sciences	University of Oxford	UK	Development of ASFV vaccine	1

55	Faculty of Life Sciences	Pirbright institute	UK	Structural study of ASFV CD2v	1
56	Faculty of Life Sciences	University of Oxford	UK	Structural study of ASFV CD2v	1
57	Faculty of Life Sciences	Istanbul University	Türkiye	Synthesis and evaluation of biological activity of quinone compounds	5
58	Faculty of Life Sciences	Anadolu University	Türkiye	Synthesis and evaluation of biological activity of heterocyclic compounds	4
59	Faculty of Life Sciences	Koc University	Türkiye	Structural analysis of HIV proteins	8
60	Faculty of Life Sciences	Helen Diller Family Comprehensive Cancer Center/University of California, San Francisco	USA	Developing rational therapeutic approaches for acral melanoma	4
61	Faculty of Life Sciences	Bristol-Myers Squibb Company	USA	Development of ANGPTL2 Neutralizing Antibody for the Treatment of NASH/Heart Failure	8
62	Faculty of Life Sciences	Brigham and Women's	USA	Pathophysiology of acute kidney injury	6
63	Faculty of Life Sciences	Georgia State University	USA	Elucidating the pathogenesis and developing novel therapies for chronic inflammatory disease	10
64	Faculty of Life Sciences	ALNYLAM PHARMACEUTICALS, INC.	USA	RNAi therapeutics for familial amyloidotic polyneuropathy	5
65	Faculty of Life Sciences	University of New Mexico College of Pharmacy	USA	Screaning for novel drug discovery using animal disease models	5
66	Faculty of Life Sciences	Sapienza University of Rome	Italy	Neural stem cells in brain development and disease	5
67	Faculty of Life Sciences	Max-Planck-Institute	Germany	Functional analysis of SIRT7	6
68	Faculty of Life Sciences	Swiss Federal Institute of Technology in	Switzerland	Functional analysis of SIRT7	6
69	Faculty of Life Sciences	National Institute of Health	USA	Physiological functions of tRNA	7
70	Faculty of Life Sciences	Cornell University	USA	Mechanism on the regullation of cilium structure	4
71	Faculty of Life Sciences	Yale University	USA	Molecular mechanism on mental	5
72	Faculty of Life Sciences	Imperial College London	UK	Dynamics and pathogenesis of human T-cell leukemia virus type 1 infected cells	6
73	Faculty of Life Sciences	The Ohio State University	USA	Molecular mechanisms of HBZ	4
74	Faculty of Life Sciences	University of California, San Francisco	USA	Pathogenesis of HTLV-1 and HTLV-2	4
75	Faculty of Life Sciences	University of Liège	Belgium	Molecular mechanisms of HBZ	4
76	Faculty of Life Sciences	Griffith University	Australia	Development of a rapid method for quantifying human T-cell leukemia virus type 1-infected cells and a method for predicting the onset of the disease	2
77	Faculty of Life Sciences	Zhejiang Normal University	China	Oncogenic mechanisms of adult T-cell leukemia	2
78	Faculty of Life Sciences	China Pharmaceutical University	China	Oncogenic mechanisms of adult T-cell leukemia	2
79	Faculty of Life Sciences	Cornell University	USA	Development of imaging of the immune microenvironment of glioblastoma using quantitative susceptibility mapping.	8
80	Faculty of Life Sciences	Pompeu Fabra University	Spain	Involvement of renal NFAT5 in salt-sensitive hypertension and chronic kidney	3
81	Faculty of Life Sciences	University of Saskatchewan	Canada	Biological and pathological siginificance of dysregurated DDX41 function	3
82	Faculty of Life Sciences	University of Toronto	Canada	Biological and pathological siginificance of dysregurated DDX41 function	3
83	Faculty of Life Sciences	Zurich University Children Hospital	Switzerland	Omics study in citrin deficiency	30
84	Faculty of Life Sciences	Zurich University Children Hospital	Switzerland	The research of citrin deficiency	10
85	Faculty of Life Sciences	Zurich University Children Hospital	Switzerland	Clinical landscape of citrin deficiency: A global perspective on a multifaceted condition.	4

86	Faculty of Life Sciences	Zurich University Children Hospital	Switzerland	Improved sensitivity and specificity for citrin deficiency using selected amino acids and acylcarnitines in the newborn	13
87	Faculty of Life Sciences	University of Leicester	UK	Identification and biological functions of new supersulfide metabolites	4
88	Faculty of Life Sciences	The University of Sydney	Australia	Development of new drugs based on anti-inflammatory actions of supersulfides against dermal diseases	3
89	Faculty of Life Sciences	Spanish National Research Council	Spain	Identification of new regulatory molecules for plant germination	4
90	Faculty of Life Sciences	Brown University	USA	Therapeutic effects of supersulfides on hepatitis	5
91	Faculty of Life Sciences	Nanchang University	China	Inhibitory effect of supersulfide on interferon signaling	4
92	Faculty of Life Sciences	University of Michigan Medical School	USA	The movement of HERV-K in the genome	2
93	Faculty of Life Sciences	University of Oxford	UK	Circadian rhythm-mediated expression of endogenous retroviruses	2
94	Faculty of Life Sciences	Alaska Native Medical Center Arctic Investigations Program Centers for Disease Control	USA	Novel, unique mechanisms of HCC pathogenesis in Alaska Native persons with HBV infection: the role of HBV genotype F1b, and genotype-specific HBV mutations in causing HCC	10
95	Faculty of Life Sciences	GASTROENTEROLOGY AND HEPATOLOGY Stanford University	USA	Real-World Evidence from the Asia Liver Consortium for HCV (REAL-C)	20
96	Faculty of Life Sciences	GASTROENTEROLOGY AND HEPATOLOGY Stanford University	USA	Real-World Evidence from the Asia Liver Consortium for HBV (REAL-B)	20
97	Faculty of Life Sciences	Queen Mary Hospital	China	Usefulness of high-sensitivity HB core-related antigens in Hong Kong	4
98	Faculty of Life Sciences	Center of Excellence in Hepatitis and Liver Cancer, Department of Biochemistry, Chulalongkorn University	Thailand	Analysis of microbiome involved in liver disease progression of hepatitis patients during antiviral therapy in Japan and the Kingdom of Thailand, and examination of virus elimination treatment for hepatitis B	5
99	Faculty of Life Sciences	Division of Gastroenterology and Hepatology, Department of Internal Medicine, E-Da Cancer Hospital	Taiwan	Usefulness of high-sensitivity HB core-related antigens in Taiwan	5
100	Faculty of Life Sciences	Institute of Clinical Medicine National Yang-Ming University	Taiwan	Identification of pathological progression-related factors due to hepatitis virus infection by utilizing multi-layered omics technology using samples collected in a multipurpose cohort	5
101	Faculty of Life Sciences	Reference Centre for Viral Hepatitis at Central research Institute of Epidemioilogy	Russia	The Role of HBcrAg in Differentiation of HBsAg-positive Patients with Active and Inactive Disease	3
102	Faculty of Life Sciences	Indiana Center of Liver Research, Indiana University School of Medicine	USA	The study for chemoresistance of cholangiocarcinoma by targeting DNA damage response	2
103	Faculty of Life Sciences	Department of Medicine, School of Clinical Medicine, The University of Hong Kong	China	Research on viral hepatitis based on the Japan-U.S. Medical Cooperation Plan	9
104	Faculty of Life Sciences	Angers University Hospital	Cameroon	Evaluation of POCT reagents for HBcrAg in Cameroon	5
105	Faculty of Life Sciences	Aklilu Lemma Institute of Pathology (ALIPB), Addis Ababa University	Ethiopia	Evaluation of POCT reagents for HBcrAg in Ethiopia	5

106	Faculty of Life Sciences	Laboratoire de Virologie, Dé partement de Biologie des Agents Infectieux Institut de Biologie, CHU Angers	France	Evaluation of POCT reagents for HBcrAg in France	5
107	Faculty of Life Sciences	Laboratoire Mixte de Vaccinologie (LAMIVAC)	Burkina Faso	Evaluation of POCT reagents for HBcrAg in Burkina Faso	5
108	Faculty of Life Sciences	University of North Carolina at Chapel Hill	USA	Evaluation of POCT reagents for HBcrAg in Kongo	5
109	Faculty of Life Sciences	Institut Pasteur du Cambodge	Cambodia	Evaluation of POCT reagents for HBcrAg in Cambodge	5
110	Faculty of Life Sciences	University of California,Miami Cancer Institute, University of Pittsburgh Medical Center, Poliambulanza Foundation Hospital	USA	Development and Validation of a Machine Learning Prediction Model for Textbook Outcome in Liver Surgery: Results From a Multicenter, International Cohort.	18
111	Graduate School of Science and Technology	Lehigh University	USA	An inclusive human-centered risk management modeling framework for flood	1
112	Graduate School of Science and Technology	Middle Eastern Technical University	Türkiye	Applications of Deep Learning to Hydrology	1
113	Graduate School of Science and Technology	Leibniz University Hannover	Germany	Microstructure Control of Ceramics Materials Using Magnetic Fields	10
114	Graduate School of Science and Technology	Department of Mathematics. National Taiwan University	Taiwan	A research on expander graphs and extremal combinatorics	2
115	Graduate School of Science and Technology	Woods Hole Oceanographic Institution	USA	Roles of natural chemical compounds in the marine ecosystem	9
116	Graduate School of Science and Technology	University of Texas at Arlington	USA	Development of fieldable analytical systems	4
117	Graduate School of Science and Technology	Tata Institute of Fundamental Research	India	Pulsar Timing Array	30
118	Graduate School of Science and Technology	University of Bordeaux	France	Development of optically active flexible materials based on molecular assembly-templated chiral hybrid nanostructures	20
119	Graduate School of Science and Technology	Lanzhou Institute of Chemical Physics	China	Strategic nanofabrication of enhanced chirality and analytical applications	22
120	Graduate School of Science and Technology	Jilin University	China	Development of sensors using photo-functional molecular gels	12
121	Graduate School of Science and Technology	University of Dhaka	Bangladesh	Development of novel molecular recognition system for rapid analysis of water pollutants	20
122	Graduate School of Science and Technology	Noakhali Science and Technology University	Bangladesh	Development of hybrid hydrogels	5
123	Graduate School of Science and Technology	Atilim University, Ege University, Hacettepe University	Türkiye	Development of monovalent ion selective ion exchange membranes based on polymer/MOF for salinity gradient energy production by Reverse Electrodialysis	10
124	Graduate School of Science and Technology	Universitat de València	Spain	Development of photo-sensing polymer hybrid with nano-dispersed photo-functional mol ecular gels	10
125	Graduate School of Science and Technology	Brookhaven National Laboratory	USA	Development of supramolecular nano-catalyst system for carbondioxide reduction	7
126	Graduate School of Science and Technology	University of Connecticut	USA	Development of photofunctional nanomaterial using supramolecular systems	7
127	Graduate School of Science and Technology	Vytautas Magnus University	Lithuania	Nano-architectural approach and empirical study realizing high-speed micro analysis for environmental samples using highly-ordered π -electron materials	10
128	Graduate School of Science and Technology	Baku State University	Azerbaijan	Development of carbon-coated nano-composites	5
129	Graduate School of Science and Technology	University of Southern California	USA	Collaborative project of development and application of large-scale nonadiabatic quantum molecular dynamics simulations	6
130	Graduate School of Science and Technology	Commonwealth Scientific And Industrial Research Organisation (CSIRO)	Australia	Development and evaluation of 3D additive manufactured advanced materials	7
131	Graduate School of Science and Technology	Univeristy of Birmingham	UK	Fracture and fatigue of advanced materials	6

132	Graduate School of Science and Technology	Karlruhe Institute of Technology	Germany	Micromechanisms of nanotribology	5
133	Graduate School of Science and Technology	Peking University	China	Characterization of advanced medical materials	5
134	Graduate School of Science and Technology	Ceracomp Co. Ltd.	Republic of Korea	Ferroelectric Photovoltaics	5
135	Graduate School of Science and Technology	Siva Subramaniya Nadar College of Engineering	India	Development of defect controlled BaTiO3-based solid solutions for energy storage	3
136	Graduate School of Science and Technology	Simon Fraser University	Canada	Analysis of dielectric properties of lead-free relaxor ferroelectrics	3
137	Graduate School of Science and Technology	Wayne State University	USA	Electronic Structures of triptycene-based metal-organic frameworks	4
138	Graduate School of Science and Technology	Westlake University	China	Defect engineering of lanthanide based metal-organic frameworks towards quantum sensing materials	3
139	Graduate School of Science and Technology	École Nationale d'Ingénieurs de Saint-Étienne (ENISE), École Centrale de Lyon (ECL), University of Lyon	France	Properties and modelling of Textile reinforced concrete under aggressive environment	6
140	Graduate School of Science and Technology	City, University of London	UK	AI-based performance evaluation and optimization of steel-concrete composite structures under strong earthquake	3
141	Graduate School of Science and Technology	Sichuan University	China	Seismic performance and design of bolted precast RC walls	3
142	Graduate School of Science and Technology	Harbin Engineering University	China	Application of CFRP in Ultra-high strength concrete structures-durability and bond	3
143	Graduate School of Science and Technology	Zhengzhou University	China	Fire-resistance of RC structures reinforced with high strength rebars	3
144	Graduate School of Science and Technology	Charles University	Czech Republic	Investigation of rapidly solidified ribbon-consolidated Mg-Zn-Y-based alloys with Ca, Mn, Nd microalloying.	39
145	Graduate School of Science and Technology	Costa Rica Institute of Technology	Costa Rica	Aging behavior of Ti-25at% Nb alloy after High Pressure Torsion	127
146	Graduate School of Science and Technology	Universiti Kebangsaan Malaysia	Malaysia	Precision Control of High-Pressure Sliding Parameter for Magnesium Alloys	22
147	Graduate School of Science and Technology	Czech Academy of Sciences	Czech Republic	Strengthening of Mg-Y-Zn alloy by introducing kinks into microstructure prior to	15
148	Graduate School of Science and Technology	Charles University	Czech Republic	Development of Advanced Magnesium Alloys for Multifunctional Applications in Extreme Environment	80
149	Graduate School of Science and Technology	Warsaw University of Technology	Poland	Development of Advanced Magnesium Alloys for Multifunctional Applications in Extreme Environment	100
150	Graduate School of Science and Technology	Eötvös Loránd University	Hungary	Development of Advanced Magnesium Alloys for Multifunctional Applications in Extreme Environment	60
151	Graduate School of Science and Technology	Slovak Academy of Sciences	Slovakia	Development of Advanced Magnesium Alloys for Multifunctional Applications in Extreme Environment	160
152	Joint Research Center for Human Retrovirus Infection	Imperial College London	UK	Investigation of the mechanism of SARS-CoV-2 disease progression	2
153	Joint Research Center for Human Retrovirus Infection	Department of Veterinary Biosciences, Center for Retrovirus Research, The Ohio State University	USA	HTLV-1 intragenic viral enhancer influences immortalization phenotype in vitro, but is dispensable for persistence and disease development in animal models.	1
154	Joint Research Center for Human Retrovirus Infection	Department of Life Sciences, Imperial College London	UK	Single-cell level temporal profiling of tumour-reactive T cells under immune checkpoint blockade	3
155	Joint Research Center for Human Retrovirus Infection	Université de Bordeaux, CNRS UMR 5164, INSERM ERL 1303, ImmunoConcEpT	France	Clonal succession rejuvenates CD8+ T cell responses against HIV-1	2
156	Joint Research Center for Human Retrovirus Infection	Cardiff University	UK	Molecular basis of viral immune escape via cross-reactivity of Human T cell receptors	4
157	Joint Research Center for Human Retrovirus Infection	La Trobe University	Australia	Molecular basis of viral immune escape via structure of Human T cell receptors	4

158	Joint Research Center for Human Retrovirus Infection	Muhimbili University of Health and Allied Sciences	Tanzania	Development of a Probiotic-Based Strategy for Controlling HIV Infection	4
159	Joint Research Center for Human Retrovirus Infection	Muhimbili University of Health and Allied Sciences	Tanzania	HIV drug-resistance in children with HIV infection	10
160	Joint Research Center for Human Retrovirus Infection	Muhimbili University of Health and Allied Sciences	Tanzania	Changes in modified nucelosides by viral infection	10
161	Joint Research Center for Human Retrovirus Infection	University of Oxford, UK	UK	LC-MS analysis of HIV-1 peptides presented by HLA class I	8
162	Joint Research Center for Human Retrovirus Infection	University of Oxford, UK	UK	A study of HLA-A11 in EV virus associated nasopharyngeal carcinoma	5
163	Joint Research Center for Human Retrovirus Infection	National Cancer Institute （NCI）-Frederick, USA	USA	A study of HLA-A11 in EV virus associated nasopharyngeal carcinoma	5
164	Joint Research Center for Human Retrovirus Infection	University of Oxford, UK	UK	A study of AIDS vaccine development	8
165	Joint Research Center for Human Retrovirus Infection	Simon Fraser University, USA	Canada	A study of HLA-associated polymorphism	6
166	Joint Research Center for Human Retrovirus Infection	National Cancer Institute （NCI）-Frederick, USA	USA	A study of HLA class I and NK receptor in HIV-1 infection	8
167	Joint Research Center for Human Retrovirus Infection	National Cancer Institute （NCI）-Frederick, USA	USA	A study of HLA associated with HIV-1 disease progression	5
168	Joint Research Center for Human Retrovirus Infection	National Hospital of Tropical Diseases, Vietnam	Vietnam	A study of HIV-1 subtype A/E in Hanoi cohort	15
169	Joint Research Center for Human Retrovirus Infection	Mahidol University	Thailand	Development of novel anti-tumor reagents using mouse model.	6
170	Joint Research Center for Human Retrovirus Infection	Khon Kaen University	Thailand	Development of novel anti-cholangiocarcinoma therapy.	7
171	Joint Research Center for Human Retrovirus Infection	Burapha University	Thailand	Evaluation of Thai traditional herb extracts of anticancer potential on cholangiocarcinoma	6
172	Joint Research Center for Human Retrovirus Infection	Mae Fah Luang University School of Medicine,	Thailand	Antimicrobial resistance of bacteria from Thai food.	6
173	Joint Research Center for Human Retrovirus Infection	Mahidol University	Thailand	Development of PDX mice	6
174	Joint Research Center for Human Retrovirus Infection	Chaing Mai University, Fuculty of Associate Medical Science	Thailand	Developmental of antibody therapy for hematological malignancies.	5
175	Joint Research Center for Human Retrovirus Infection	Burapha University	Thailand	Evaluation of Thai traditional herb extracts of anticancer potential.	5
176	Joint Research Center for Human Retrovirus Infection	Chiang Mai University, Faculty of Science	Thailand	Establishment of novel anti-cancer immunotherapy	6
177	Joint Research Center for Human Retrovirus Infection	Siriraj Hospital of Mahidol University	Thailand	The mechanism of drug-resistant cholangiocarcinoma	6
178	Joint Research Center for Human Retrovirus Infection	Dana-Farber cancer Institute	USA	NK cell immunotherapy for Adult T cell Leukemia	3
179	Joint Research Center for Human Retrovirus Infection	The University of Texas Health Science Center at San Antonio	USA	APOBEC3 degradation is the primary function of HIV-1 Vif for virus replication in the myeloid cell line THP-1	8
180	Joint Research Center for Human Retrovirus Infection	University Hospital and Faculty of Medicine Tübingen	Germany	APOBEC3 degradation is the primary function of HIV-1 Vif for virus replication in the myeloid cell line THP-2	8
181	Joint Research Center for Human Retrovirus Infection	Suez Canal University	Egypt	APOBEC3 degradation is the primary function of HIV-1 Vif for virus replication in the myeloid cell line THP-3	8
182	Insitute of Resource Development and Analysis	Universite Paris Descartes	France	Analysis of the Bnc2 gene function using the exchangeable gene trap mouse line; Ayu21-	10
183	Insitute of Resource Development and Analysis	Gwangju Institute of Science and Technology (GIST)	Republic of Korea	Analysis of the Ccdc55 gene function using the exchangeable gene trap mouse line;	10
184	Insitute of Resource Development and Analysis	Gwangju Institute of Science and Technology (GIST)	Republic of Korea	Analysis of the Igsf4 gene function using the exchangeable gene trap mouse line; Ayu21-	10
185	Insitute of Resource Development and Analysis	Seoul National University College of Medicine	Republic of Korea	Analysis of the Cd99 gene function using the exchangeable gene trap mouse line; Ayu21-B6T44.	10
186	Insitute of Resource Development and Analysis	Seoul National University College of Medicine	Republic of Korea	Analysis of the Cd99 gene function using the exchangeable gene trap mouse line; Ayu21-B6T44.	10
187	Insitute of Resource Development and Analysis	Max Planck Institute of Molecular Biomedicine	Germany	Analysis of the Cd99 gene function using the exchangeable gene trap mouse line; Ayu21-B6T44.	10

188	Insitute of Resource Development and Analysis	Max Planck Institute of Molecular Cell Biology and Genetics	Germany	Analysis of the Hmbox1 gene function using the exchangeable gene trap mouse line; Ayu21-T346.	10
189	Insitute of Resource Development and Analysis	Seoul National College of Medicine	Republic of Korea	Analysis of the Kcnk5 gene function using the exchangeable gene trap mouse line;	10
190	Insitute of Resource Development and Analysis	Christain Albrechts Universitat Kiel	Germany	Analysis of the Sppl2b gene function using the exchangeable gene trap mouse line; Ayu21-T160.	10
191	Insitute of Resource Development and Analysis	Mount Sinai School of Medicine	USA	Analysis of the Nrbf2 gene function using the exchangeable gene trap mouse line; Ayu21-W143.	10
192	Insitute of Resource Development and Analysis	University of Miami	USA	Analysis of the Mbd5 gene function using the exchangeable gene trap mouse line; Ayu21-B205.	10
193	Insitute of Resource Development and Analysis	Semmelweis University	Hungary	Analysis of the Duclg2 gene function using the exchangeable gene trap mouse line; Ayu21-KBW131.	10
194	Insitute of Resource Development and Analysis	University of Bristol	UK	Analysis of the Mir142 gene function using the knockout mouse line; 21-KBW111reKO.	10
195	Insitute of Resource Development and Analysis	St George's University of London	UK	Analysis of the Wdr11 gene function using the exchangeable gene trap mouse line; Ayu21-KBW205.	10
196	Insitute of Resource Development and Analysis	National Institute of Health	USA	Analysis of the Tdrd3 gene function using the exchangeable gene trap mouse line; Ayu21-B171.	10
197	Insitute of Resource Development and Analysis	St George's University of London	UK	Analysis of Kallmann syndrome using WDR11 gene humanized mouse lime.	10
198	Insitute of Resource Development and Analysis	University of East Anglia	UK	Non-canonical imprinting, manifesting as post-fertilization placenta-specific parent-of-origin dependent methylation, is not conserved in humans	-
199	Insitute of Resource Development and Analysis	University of Kansas Medical Center	USA	NOTUM-mediated WNT silencing drives extravillous trophoblast cell lineage development	-
200	Insitute of Resource Development and Analysis	University of Minnesota	USA	Human trophoblast stem cells restrict human cytomegalovirus replication	-
201	Headquarters for Admissions and Education	Chulalongkorn University, etc.	Thailand	JSPS Bilateral Joint Research Project (Thailand/NRCT)	37
202	Headquarters for Admissions and Education	University of Valladolid	Spain	JSPS Bilateral Joint Research Project (OP/Spain)	36
203	Headquarters for Admissions and Education	Curtin University, Chulalongkorn University	Malysia, Thailand	Japan-ASEAN Science, Technology and Innovation Platform-NET （JASTIP-Net)	10