### 2020年度共同研究（国際）採択課題 一覧

新規課題（16課題）

<table>
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<td>先端医療研究開発共同研究領域 (4課題)</td>
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<th>研究代表者</th>
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<th>受入教員</th>
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<td>2020 K1006 1</td>
<td>1</td>
<td>He Haiping</td>
<td>Associate Professor</td>
<td>The Affiliated Hospital of Kunming University of Science and Technology</td>
<td>The study of immunological activation mechanism of umbilical cord-derived mesenchymal stromal cells</td>
<td>長村 登紀子</td>
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<td>Jacques-Olivier Coq</td>
<td>CNRS Senior Researcher</td>
<td>Institut de Neurosciences de la Timone, UMR7289 CNRS/Aix-Marseille Univ.</td>
<td>Mesenchymal Stromal Cell Therapy to Prevent Neurodevelopmental Disorders related to Low-Birth-Weight</td>
<td>矢部 隆彦</td>
<td>教授</td>
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<td>2020 K1008 1</td>
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<td>Lars Eckmann</td>
<td>Professor</td>
<td>Department of Medicine, University of California San Diego</td>
<td>Novel therapy of intestinal inflammation/infection by targeting mucosal interface</td>
<td>安井 寛</td>
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<td>Nikhil Munshi</td>
<td>Professor</td>
<td>Dana-Farber Cancer Institute, Harvard Medical School</td>
<td>Collaborative Translational Research of novel HLA-A24 restrictive investigational cancer vaccine PVX-024 for multiple myeloma</td>
<td>長村 登紀子</td>
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<td>Manica L Acosta</td>
<td>Dr</td>
<td>The University of Auckland</td>
<td>Microglia crosstalk: novel molecular markers to diagnose diabetes-induced eye damage</td>
<td>安井 寛</td>
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<td>2020 K2010 2</td>
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<td>Estelle Duprez</td>
<td>PhD, CNRS Research Director</td>
<td>Centre de Recherche en Cancérologie de Marseille (CRCM), Institut-Paoli Calmettes (IPC), U1068 INSERM</td>
<td>Molecular signature of hematopoietic aging</td>
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<td>Hyeseong Cho</td>
<td>Professor</td>
<td>Ajou University School of Medicine</td>
<td>Molecular mechanisms underlying eukaryotic chromosome segregation</td>
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<td>Xiao-dong He</td>
<td>Lecturer</td>
<td>Cheeles College of Medicine, Shandong University</td>
<td>Study on gene regulation and histone lactating in cancer</td>
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<td>Professor and senior investigator</td>
<td>Establishment of a platform for development and evaluation of exon skipping based gene therapy tool by using human iPSC</td>
<td>UCSF, Gladstone Institute</td>
<td>Bruce Conklin (UCSF, Gladstone Inst., Prof.), Lazaros Latsiotis (Postdoc.), Unfixed (Grad Student)</td>
<td>Establishment of a platform for development and evaluation of exon skipping based gene therapy tool by using human iPSC</td>
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<td>Professor</td>
<td>Exploration of novel carcinogenesis processes by elucidating genomic signatures in Asian cancers</td>
<td>National Cancer Centre Singapore</td>
<td>Teh Bin Tean (National Cancer Centre Singapore, Prof.), Xie Luyu (PhD), Tatsuhiro Shibata (Prof.)</td>
<td>Exploration of novel carcinogenesis processes by elucidating genomic signatures in Asian cancers</td>
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<td>Assistant Professor</td>
<td>Uterine fibroids: analyzing genetic/epigenetic effect and mediation effect of reproductive function and environmental determinants in Taiwanese and Japanese population</td>
<td>China Medical University</td>
<td>Ro-Ting Lin (China Medical Univ., Asst. Prof.), Wen-Ling Liao (Asst. Prof.), Wei-De Lin (Assoc. Prof.)</td>
<td>Uterine fibroids: analyzing genetic/epigenetic effect and mediation effect of reproductive function and environmental determinants in Taiwanese and Japanese population</td>
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<td>2020</td>
<td>Senior Principal Investigator</td>
<td>Investigating Putative Dendritic Cell Precursors (pre-DC) with Neutrophil Progenitor Properties</td>
<td>Singapore Immunology Network (SIgN), A*STAR</td>
<td>Florent Ginhoux (Singapore Immunology Network (SIgN), A*STAR, Sen. Princ. Inv.), Charles Antoine Dutertre (Res. Scientist)</td>
<td>Investigating Putative Dendritic Cell Precursors (pre-DC) with Neutrophil Progenitor Properties</td>
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<td>Research Fellow</td>
<td>Development of M2e-based intranasal universal influenza vaccine utilizing PiVax platform</td>
<td>University of Auckland</td>
<td>Catherine Tsai (The Univ. of Auckland, Research Fellow), Kohtaro Fujihashi (Proj. Prof.), Hideki Asanuma (Chief)</td>
<td>Development of M2e-based intranasal universal influenza vaccine utilizing PiVax platform</td>
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<td>Development of universal vaccines against seasonal influenza</td>
<td>Influenza Research Institute</td>
<td>Gabriele Neumann (Univ. of Wisconsin-Madison, Research Prof.), Masato Hatta (Research Prof.), Shiho Chiba (Scientist), Yoshihiro Kawaoka (Prof.), Masaki Imai (Assoc. Prof.), Tohoko Watanabe (Assoc. Prof.), Atsushi Ueki (Res. Prof.), Yuri Furusawa (Ph.D. Student)</td>
<td>Development of universal vaccines against seasonal influenza</td>
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<td>Associate Professor</td>
<td>Comparative analysis of antibody responses in iEvac-Z-vaccinated subjects and Ebola virus-infected individuals</td>
<td>Department of Biological Sciences, Fourah Bay College</td>
<td>Alhaji N'jai (COMAHS, USL, Assoc. Prof.), Peter Hoffman (Univ. of Wisconsin-Madison, Research Prof.), Anne Eshf (Research Prof.), Tadashi Maemura (Postdoc.), Yoshihiro Kawaoka (Prof.), Masaki Imai (Assoc. Prof.), Tohoko Watanabe (Assoc. Prof.), Maki Kiso (Researcher), Moe Okuda (Ph.D. Student)</td>
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<td>Surveillance of viruses causing zoonotic infections in Brazil</td>
<td>Universidade Estadual Paulista Julio de Mesquita Filho (UNESP)</td>
<td>Jane Megid (UNESP, Prof.), Mateus Miomi (Postdoc.), Francisco Costa (Univ. Estadual do Maranhão, Prof.), Luiz Fernando (Public Health Laboratory of Maranhão State, General Director)</td>
<td>Surveillance of viruses causing zoonotic infections in Brazil</td>
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<td>Lund Stem Cell Center, Lund University</td>
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<td>Eicke Latz</td>
<td>Professor</td>
<td>Center for Research and Advanced Studies</td>
<td>Multiple sclerosis: analysis of the T and B cell repertoire in Mexican patients</td>
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<td>University of California, San Diego</td>
<td>Intratissue cohabitation of commensal bacteria for immunity and symbiosis</td>
<td>嶋津 淳太郎</td>
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<td>Robert Gifford</td>
<td>Senior Research Fellow</td>
<td>MRC-University of Glasgow Centre for Virus Research</td>
<td>Impact of human endogenous retroviruses on virus infections, human diseases, and evolution</td>
<td>坂本 佳彦</td>
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<td>Xiujun Yan</td>
<td>Professor</td>
<td>Institute of Biophysics, Chinese Academy of Sciences (CAS)</td>
<td>A nanocaged nanobody display platform for infectious diseases detection and therapy</td>
<td>田口 寧</td>
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<td>Kaixia Mi</td>
<td>Principal Investigator</td>
<td>Institute of Microbiology, Chinese Academy of Sciences (CAS)</td>
<td>Establishment of a model system of co-infection of Mycobacterium and HIV in human monocyte cell lines to study their interactions</td>
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<td>Hualan Chen</td>
<td>Professor</td>
<td>Harbin Veterinary Research Institute (HRVI), Chinese Academy of Agricultural Sciences (CAAS)</td>
<td>Analysis of the spread and transmissibility of highly pathogenic avian influenza H7N9 viruses exhaled from ferrets</td>
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<td>Anna Katharina (Katja) Simon</td>
<td>Professor</td>
<td>Kennedy Institute of Rheumatology, Oxford University</td>
<td>Fluidization of mechanisms involved in tissue specific immunity during infection</td>
<td>Cevadji Coban</td>
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<td>Peter Katsakis</td>
<td>Professor and Head</td>
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<td>Systems Immunology of human vaccine and immunotherapy</td>
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