

## Mansfield-PhRMA Research Scholars Program 2018

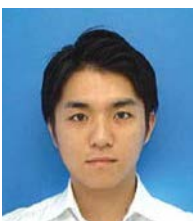
### Participant Biographies



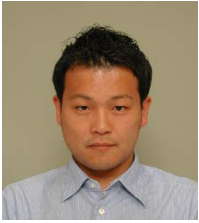
**Kensuke Ikenaka** is an Assistant Professor in the Department of Neurology at the Osaka University Graduate School of Medicine. His research focuses on neurodegenerative diseases, especially ALS and Parkinson's disease. His duties include establishing a method to detect and count the aggregated proteins in the CSF of patients suffering from neurodegenerative diseases, creating a Parkinson's disease registry focusing on the correlation between progressive cognitive dysfunction and the CSF biomarkers found at registration, as well as developing an anti-amyloid compound for Parkinson's disease. He has conducted several clinical trials. Dr. Ikenaka's goal is to develop a PMDA-approved drug or biomarker for ALS and Parkinson's disease. He attended Osaka University medical school and furthered his studies at the Nagoya University School of Medicine, where he majored in Neurology and acquired his MD.



**Masahito Kawabori** works as an Associate Professor in the Department of Neurosurgery at Hokkaido University Hospital, and his clinical area of expertise is cerebrovascular disease and traumatic brain injury. He obtains both neurosurgical board and neuroendovascular board which enable him to treat patient in both open surgery and endovascular surgery. His research involves stem cell therapy for above mentioned fields in basic and clinical experiments. He is currently serving as a principle investigator (PI) for two different clinical trials using stem cell for neurological disease. One uses autologous bone marrow stem cells for treating ischemic stroke patients (RAINBOW trial), whereas the other uses allogenic bone marrow to treat traumatic brain injury (SanBio trial). In addition, Dr. Kawabori teaches undergraduate students in the Department of Neurosurgery in the field of stem cell and cerebrovascular disease. Dr. Kawabori once served as a Post-Doctoral Fellow at the University of California, San Francisco. Dr. Kawabori holds an MD from Hokkaido University and a PhD in Neurosurgery from Hokkaido University Graduate School of Medicine.



**Takuya Kawahara** is a Project Assistant Professor in the Biostatistics Division of the Central Coordinating Unit at The University of Tokyo Hospital's Clinical Research Support Center. In this capacity, he assists doctors in performing clinical trials and conduct his own research. Dr. Kawahara's work aids medical doctors, especially with regard to research designs, data analysis, and interpretation. As a theoretical biostatistician, he has proposed methods of statistical analysis related to quality of life data measured in cancer-focused clinical trials. Prior to obtaining his position at The University of Tokyo Hospital, Dr. Kawahara worked towards obtaining a PhD in Biostatistics. Before this, he got his MPH at the Graduate School of Medicine at the University of Tokyo.



**Eisuke Kobayashi** serves as Head of Musculoskeletal Oncology at the National Cancer Center Hospital. As Head of Medical Staff, Dr. Kobayashi divides his time between practicing medicine and overseeing the Department. He has been involved in translational research aiming to develop new treatment strategies for rare types of cancer, such as immune-surveillance of sarcoma, diagnosis of sarcoma in serum miRNA, and the gathering of biobank samples related to rare cancers. Prior to his current position,

Dr. Kobayashi was a Medical Staffer at the National Cancer Center Hospital, as well as a Research Fellow and a Clinical Resident, respectively. Dr. Kobayashi also served as a Research Fellow at the Orthopedics Division and Sarcoma Molecular Biology Laboratory at Massachusetts General Hospital in connection with Harvard University. Dr. Kobayashi earned his MD at Keio University and his PhD in Orthopedics at Keio Graduate University.



**Hiroko Masuda** is an Assistant Professor in the Department of Breast Surgical Oncology at Showa University. She designs and conducts clinical research focusing on triple-negative breast cancer and gene profiling analysis. Dr. Masuda diagnoses and performs surgeries, as well as teaches medical students at the university. Currently, Dr. Masuda is helping establish the Showa University Advanced Translational

Research Institution (ACT) program. ACT is being organized to act as a research institute where early-phase clinical trials are practiced for solid tumors (i.e., breast tumors) and where biospecimens, as well as clinical data resources, are developed and maintained. Before becoming an Assistant Professor, Dr. Masuda worked as a Breast Surgical Oncologist at the National Hospital Organization Osaka National Hospital. Earlier, she was a surgeon at Okayama University Hospital and a surgical oncologist at the National Hospital Organization Osaka National Hospital. Dr. Masuda received her MD at Kochi Medical School and her PhD at Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences.



**Yuta Mishima** is a Research Fellow of the Japan Society for the Promotion of Science (JSPS) at the Center for iPS Cell Research and Application (CiRA) in Kyoto University. Dr. Mishima manages his own basic research projects and a collaborative joint program with pharmaceutical industry, and is currently conducting research about the possible application of novel immunotherapy by joining iPS cell technology and gene transduction of targeted, specific receptors. As he is currently trying to make

sure that his approach meets Japanese regulatory standards, Dr. Mishima is also working on regulatory science besides R&D. Before his current position, Dr. Mishima was a postdoctoral research fellow at Hematology/Oncology Division of Beth Israel Deaconess Medical Center at Harvard Medical School and was earlier a postdoctoral research fellow at Chiba University's Graduate School of Medicine. Dr. Mishima got his PhD and MS at Chiba University and earned his bachelor's in Pharmacy at Teikyo University.



**Yuya Sasaki** is a board-certified hematologist, who currently works as Japanese Fellow at the United States Naval Hospital Yokusuka. He is also a Research Associate in the Department of Pathology at Kurume University School of Medicine. Dr. Sasaki's area of expertise is in hematological malignancy. From 2014-2018, he participated in the meeting of the Japan Clinical Oncology Group and contributed to a series of clinical trials as a member of diagnostic part. Previously, Dr. Sasaki was a Clinical Hematologist at Kokura Memorial Hospital. He earned his PhD at Kurume University's Graduate School of Medicine and his MD at Osaka University.



**Kentaro Tomii** serves as a Leader for the Intelligent Bioinformatics Research Team in the Artificial Intelligence Research Center at the National Institute of Advanced Industrial Science and Technology (AIST). Previously, Dr. Tomii was a postdoctoral fellow at the University of California, Berkeley, in their Department of Plant and Microbial Biology, as well as at the Biomolecular Engineering Research Institute before that. In his current capacity at AIST, Dr. Tomii leads in the development of bioinformatics tools and databases for biomedical research, such as drug development. In addition, he is creating computational methods and supporting AIST and non-AIST researchers using diverse methods and databases. Dr. Tomii also is a visiting Associate Professor and a visiting Professor at The University of Tokyo and Yokohama City University, respectively. He obtained his PhD in Biological Science and his MS degree in Biophysics at Kyoto University.