PRORGAM Registration 09:30-09:50 Oral Session @1F Sensai Hall **Opening remarks** 10:00-10:20 Takeshi NAGAYASU (President, Nagasaki University) Yen-Hsuan NI (Dean, College of Medicine, National Taiwan University) Atsushi KAWAKAMI (Dean, Graduate School of Biomedical Sciences, Nagasaki University) Koyo NISHIDA (Dean, School of Pharmaceutical Sciences, Nagasaki University) (Chair 1: Katsunori YANAGIHRA, Nagasaki University) **Keynote lecture 1** 10:20-10:50 Yen-Hsuan NI (College of Medicine, National Taiwan University) "From gut dysbiosis to microbiome-based therapeutics" 10:50-11:00 **Photo Session** (Chair 2: Li-Jiuan SHEN, National Taiwan University) **Keynote lecture 2** 11:00-11:30 Keitaro MATSUMOTO (Graduate School of Biomedical Sciences, Nagasaki University) "Regenerative medicine research in the respiratory system" **Keynote lecture 3** Hsao Hsun HSU (College of Medicine, National Taiwan University) 11:30-12:00 "Cryopreserved Aortic Allografts in Tracheal Transplantation: From Bench to Bedside" 12:00-13:00 **Lunch Meeting @Pompe Hall** (for guests) (Chair 3: Jenq-Wen HUANG, National Taiwan University) **Keynote lecture 4** 13:00-13:30 Katsunori YANAGIHRA(School of Medicine, Nagasaki University) "Current status and response to drug-resistant bacterial infections" **Keynote lecture 5** 13:30-14:00 Jenq-Wen HUANG (College of Medicine, National Taiwan University) "Peritoneal Dialysis in National Taiwan University Hospital (NTUH)" **Keynote lecture 6** 14:00-14:30 Tsuyoshi INOUE (Graduate School of Biomedical Sciences, Nagasaki University) "Potential for treatment of kidney disease through autonomic regulation" Tea Break 14:30-14:50 (Chair 4: Jenq-Wen HUANG, National Taiwan University) Keynote lecture 7 14:50-15:20 Masato TASHIRO (Graduate School of Biomedical Sciences, Nagasaki University) "Analysis of chronic host-aspergilloma interactions using a novel mouse model" Session 1 15:20-15:40 Wan-Jhih CHENG (College of Medicine, National Taiwan University) "Recent advances in anti-cytokine autoantibodies" **Session 2** 15:40-16:00 Shu-Jui HSU (Graduate Institute of Medical Genomics and Proteomics, National Taiwan University) "Mitochondrial DNA Variations in the Taiwan Biobank: Insights into Traits and Population Genetics" 16:00-16:20 Tea Break (Chair 5: Tsuyoshi INOUE, Nagasaki University) **Session 3** 16:20-16:40 Chia-Hsien WU (Graduate School of Biomedical Sciences, Nagasaki University) "Defining Acetylcholine-Secreting Renal Cells and Their Function in Vagus Nerve Stimulation Using scRNA-Seq" **Keynote lecture 8** Atsushi KAWAKAMI (Graduate School of Biomedical Sciences, Nagasaki University) 16:40-17:10 "Current Status, Prospects, and Issues of Environmental Improvement Surrounding the Treatment and Research of Intractable Diseases in Japan" **Closing remarks** 17:10-17:15 Kazuya IKEMATSU (Dean, School of Medicine, Nagasaki University) Museum & Campus tour (for guests) 17:30-18:00

18:00-19:00

Poster presentation (with light refreshments)