

CBI2022

Like! Poster Award

P07-01

Artificial Intelligence to Accelerate New Drug Discovery: Target identification and drug discovery by data-driven approach and experimental validation in Idiopathic Pulmonary Fibrosis (IPF)

Mari N ITOH¹, Yayoi Natsume KITATANI¹, Masataka KURODA^{1, 2}, Jun ADACHI³, Yi An CHEN¹, Kenji MIZUGUCHI¹, Yoshito TAKEDA⁴, Atsushi KUMANOGOH⁴, Naonori UEDA⁵

¹AI Center for Health & Biomedical research, Bioinformatics Project, National Institute of Biomedical Innovation, Health and Nutrition, ²Discovery Technology Laboratories, Mitsubishi Tanabe Pharma Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama, Kanagawa 227-0033, Japan, ³Laboratory of Proteome Research, National Institute of Biomedical Innovation, Health and Nutrition, ⁴Department of Respiratory Medicine and Clinical Immunology, Osaka University Graduate School of Medicine, ⁵Center for Advanced Intelligence Project, RIKEN