

# ACADEMIC CHALLENGE (AC)2025

## LIST OF ADOPTERS (Total applicants : 25)

No	Applied theme	Name	Department	Major
1	<b>Innovative Separation and Sensing Technologies of Porous Organic Crystals through a Hydrogen Bonding Framework</b>	Yusei Yamamoto	Graduate School of Engineering	Department of Applied Chemistry
2	<b>State Estimation of a Shape-flexible Multi-fingered Robotic Hand Using Multiple Proximity Sensors</b>	Masato Morita	Graduate School of Engineering	Department of Mechanical Engineering
3	<b>Drug repositioning for cancer therapy based on macrophage phagocytosis activation and integrated basic/clinical/nursing research</b>	Fumiaki Tsurusaki	Graduate School of Pharmaceutical Sciences	Department of Medicinal Sciences
4	<b>Development of humanized BCR-bearing mouse models for unraveling the pathogenicity of autoreactive B cells and advancing targeted therapeutic strategies</b>	Rinka Ito	Graduate School of Medical Sciences	Department of Medical Sciences
5	<b>Improving the Efficiency of Orthodontic Treatment through Carbonate apatite Coated Ti6Al4V mini-crews</b>	Saya Takehana	Graduate School of Dental Science	Department of Dental Science
6	<b>Evaluating the Effects of Aromatherapy on Executive Functions: An EEG Study</b>	Chi T. Q. Tran	Graduate School of Systems Life Sciences	Department of Systems Life Sciences
7	<b>The fabrication of free-standing lipid membrane by sacrificial layer for channel-selective CO<sub>2</sub> separation</b>	Kosuke Taketsuna	Graduate School of Engineering	Department of Applied Chemistry