RSC-JAIMA Symposium on Analytical Chemistry 2025

AWARD WINNERS

Analyst **Poster Prize**

- **Maaya Hikichi (Gunma University)**

  "Supercooling preservation of liver-derived cell lines cultured on Organs-on-a-Chip"

- **Shu-Yun Sheu (National Tsing Hua University)**

  "Development of a Vertical Flow Assay for Quantitative and Bacteria-Specific Detection"

- **Kunanon Chattrairat (Institute of Science Tokyo)**

  "Antibody-modified nanowires capturing targeted ovarian cancer-associated extracellular vesicles"

Best Poster Award

- **Asmaa Salah Hassanin Ahmed (Hokkaido University)**

  "Development of a Hybrid Microfluidic Sensor for Simultaneous Detection of Heavy Metals in Water"

- **Daiki Matsumoto(Osaka Metropolitan University)**

  "Preparation of highly-sensitive FRET-based nanoemulsion optode for anion detection by using fluorescent dye liquid"

- **Yudai Kameko (HORIBA)**

  "Development of Nitrite-N Concentration Monitoring System Using a Boron-Doped Diamond (BDD) Electrode"

- **Takuya Nakayama (Gunma University)**

  "Construction of a capillary network using a liver sinusoidal endothelial cell line for drug metabolism assays"

- **Aoi Ichikawa (Ritsumeikan University)**

  "Novel and Innovative Chemical-tagging Metabolomics for Gut Microbiota-Derived Biliary Tract Disease"

- **Koichi Deura (Keio University)**

  "Application of peptidomimetic polymer-modified resins to the separation of IgG fragments"

- **Akarapong Prakobkij (Ubon Ratchathani University)**

  "Facile Paper-Based Colorimetric Sensor for Tumor Marker CA-125 Using Aptamer-Enhanced Ni-MnFe Layered Double Hydroxides Peroxidase Mimic"