

# THE 124TH ICR ANNUAL SYMPOSIUM

## — ICR Award for Young Scientist —

SINGH, Vaibhav Pal (Chemical Biology)  
“Chemoproteomic Identification of Spermidine-Binding Proteins and Antitumor-Immunity Activators”

## — ICR Award for Graduate Students —

SHEN, Yufan (Advanced Solid State Chemistry)  
“Ferroelectric Freestanding Hafnia Membranes with Metastable Rhombohedral Structure down to 1-nm-thick”

ZHAO, Hongda (Chemical Life Science)  
“Eukaryotic Genomic Data Uncover an Extensive Host Range of Mirusviruses”

ISERI, Kenta (Synthetic Organotransformation)  
“Dual Catalysis of Gold Nanoclusters: Photocatalytic Cross-Dehydrogenative Coupling by Cooperation of Superatomic Core and Molecularly Modified Staples”

## — ICR Grants for Promoting Integrated Research —

YAMAUCHI, Mitsuaki (Organoelement Chemistry)  
“Correlation between Molecular Orientation and Device Performance in Benzoporphyrin Supramolecular Thin Films”

HIGAKI, Tatsuya (Organometallic Chemistry); TAKAHATA, Ryo (Advanced Inorganic Synthesis)  
“Atomically Precise Structure Determination of Iron-Group Metal Nanoclusters Using Synchrotron X-ray Radiation”

NAKAGAWA, Yuka (Synthetic Organotransformation)  
“Development of Direct and Precision Conversion Reactions for Lignocellulosic Biomass via Organic Photocatalysis”

MORIOKA, Naoya (Inorganic Photonics Materials)  
“Developing Foundational Technology for SiC-Based Spin Quantum Devices with High Efficiency”

## — Oral Presentation —

YAMADA, Takumi (Advanced Inorganic Synthesis)  
“Photoluminescence Imaging Spectroscopy of Halide Perovskites”