

HETEROCYCLES AWARD

HETEROCYCLES is pleased to announce Heterocycles Award.
In recognition of an outstanding oral presentation at the 51st Congress of Heterocyclic Chemistry
September 15 to 17, 2022, Osaka University Convention Center, Osaka, Japan.

Naoki Hashimoto



Title: [Gold\(I\)-catalyzed cyclization and synthetic endeavors for diversity-oriented total synthesis of akuammiline alkaloids](#)

Naoki Hashimoto was born in 1997 in Tokyo, Japan. He is a Ph.D. student (D2) in Graduate School of Pharmaceutical Science, Kyoto University, working with Prof. Hiroaki Ohno. His research interests include the development of transition-metal-catalyzed reaction and its application to complex natural product synthesis.

Taiki Hashimoto



Title: [H₂ Purification through Sequential Hydrogenation/Dehydrogenation of *N*-Heterocycles Using Triarylborane Catalysts](#)

Taiki Hashimoto was born in 1996 in Osaka, Japan. He is a first year Ph. D. student in the Faculty of Engineering, Osaka University, working with Prof. Sensuke Ogoshi. His research interests are focused on the H₂ purification process using main-group catalysis based on liquid organic hydrogen carrier.

Taishi Nakanishi



Title: [Development of the Enantioselective Diels-Alder Reaction with Vinylquinolines as Dienophiles and New Insights into Controlling Endo/Exo Selectivity](#)

Taishi Nakanishi was born in 1995 in Fukuoka, Japan. He is a third year Ph.D. student at Graduate School of Science, Tohoku University, working with Prof. Masahiro Terada. His research interest includes computational molecular design for asymmetric synthesis.

Xiong Haoran



Title: [Synthetic Studies on Chartelline C](#)

Xiong Haoran was born in Yamaguchi, Japan in 1998. He is a second year Master course student in the Graduate School of Pharmaceutical Sciences, Tohoku University, working with Prof. Hidetoshi Tokuyama. His research interests include development of novel cyclization reactions and its application to total synthesis of complex natural products.