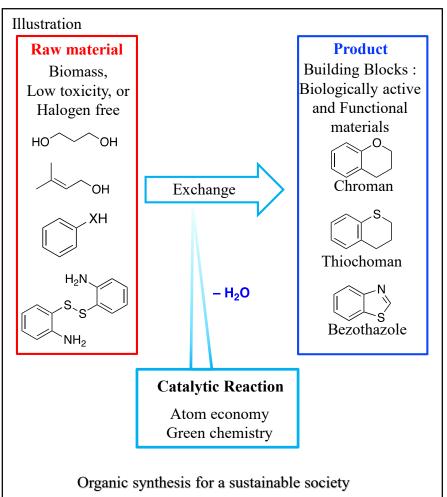
## **Novel Catalytic Reaction System**

## Associate Professor Maki MINAKAWA



Development of noble catalytic reaction system Challenge to the synthesis of new functional chemicals

## Our research:

Novel catalytic reaction systems for preparation of functional chemicals from biomass, low toxicity, inexpensive or halogen-free materials as starting materials.

Catalytic reaction should be atom economy and green chemistry. We believe that the development of novel reaction systems lead to realize organic chemical synthesis aimed at a sustainable society.

## Appealing point:

We challenge for the construction of a new organic synthesis that is friendly to both the environment and human using a novel catalytic reaction systems.

Yamagata University Graduate School of Science and Engineering Research Interest: Organic chemistry,

Catalytic Reaction

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