

## Choowong Auesukaree

**Affiliation:** Department of Biology, Faculty of Science, Mahidol University, Thailand

**Research title for the award:** Molecular mechanisms underlying yeast adaptive responses to environmental stresses and pollutants



Dr. Choowong Auesukaree received his PhD degree in Biotechnology from Osaka University in 2005. From May 2005 to May, 2006, he worked as a lecturer at King Mongkut's Institute of Technology Ladkrabang. He moved to Mahidol University in June, 2006, and was promoted to Assistant Professor in August, 2009.

His current research focuses on molecular mechanisms of *Saccharomyces cerevisiae* adaptation to environmental pollutants, as well as stresses present during ethanol fermentation.

### [Message as a prize winner]

It is a very great honor for me to be awarded the Young Asian Biotechnologist Prize 2016 by the Society for Biotechnology, Japan. I am very pleased to be recognized by the research society of Japan because I started my research career in this field in Prof. Satoshi Harashima's lab, Osaka University. I hope that my work on molecular mechanisms of stress response could facilitate strategies for improvement of stress-tolerance trait of not only yeast but also the other organisms, which would lead to an increased production yield of a number of biological products.

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