

## John Chi-Wei Lan

**Affiliation:** Department of Chemical Engineering and Materials Science, Yuan Ze University, Taiwan

**Research title for the award:** Aerobic utilization of crude glycerol by recombinant *Escherichia coli* for simultaneous production of poly 3-hydroxybutyrate and bioethanol



Dr. John Chi-Wei Lan received his Ph.D in the School of Chemical Engineering from University of Birmingham (UK) in 2000. His doctoral research was dedicated to develop an efficient process to recovery of C595 diabody from fermentation broth using expanded bed technique in large scale production. He was a post-doctoral researcher at Academia Sinica (Taiwan) to work on bioprocessing design of feed-enzyme production from 2000 to 2003. He was also a research fellow in Yamaguchi University (Japan) and Industrial Technology and Research Institute (ITRI, Taiwan), respectively, before he joined Yuan Ze University (YZU) in 2007.

Dr. Lan currently serves as an Associate Professor at YZU and also the leader of Biorefinery and Bioprocess Engineering Laboratory (YZU) as well as Managing Supervisor in committee board of supervisors of Taiwan Phycological Society. Dr. Lan is an ample experience researcher in respect of involving design and construction of industrial plant and very active in collaboration between academia and industrial partners. His current research focuses upon process integration for bio-based chemicals production from waste biomass/industrial feedstocks.

### [Message as a prize winner]

I am profoundly appreciative of receiving the 2017 Young Asian Biotechnologist Prize awarded by the Society for Biotechnology, Japan. This award is a great honor and I would like to express my sincerest gratitude to my nominator, all the nominees, committee of SBJ, and many supportive people who have influenced me throughout my research life. As a biotechnologist, I always believe the power of biotechnology can offer tremendous contributions on sustainable development and human civilization. With this honor, I wish to have more opportunities on collaborating with all the excellence scientists in terms of research work, brainstorming and sharing achievements.

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