



Prof. Dr. Ida Idayu Muhamad

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Title of Talk:

Eco-Design Principles for the Optimization of Biodegradable
Polymers as Sustainable Packaging

Biography

Dr Ida is a Professor at the Department of Bioprocess and Polymer Engineering, School of Chemical and Energy Engineering, Universiti Teknologi Malaysia. She is the director of Research Ethics Committee UTM and founder of the Food and Biomaterial Engineering Research Group. Dr Ida served as chairman of the Scientific Advisors also head of Biomaterial Cluster for the IJN-UTM Cardiovascular Engineering Centre and director of the Bioprocess Engineering Department (2010-2013, 2015-2017). Her research activities resulted in more than 20 intellectual properties, numerous awards, more than 300 peer-reviewed publications, supervision of more than 40 post-graduates, and post-doctorates. Her research interest covers a wide area of controlled release technology, functionalized nanomaterials, active-smart biopolymers, and their applications in diverse fields. She is a Chartered Engineer (IChemE UK), Chartered Scientist and Editorial Board of the Springer Journal Food and Bioprocess Technology. She was the recipient of the 2018 IChemE Process Safety Award, UTM Innovator of the Year and Top Research Scientist Malaysia.