

Year	Name	Affiliation	Research Title for the Award / Articles Published in JBB
2024	N/A		
2023	Kit Wayne Chew ⇒ Profile	Nanyang Technological Univ. (Singapore)	Engineering strategies for enhancing microalgae lipid production using effluents of coke-making wastewater
2022	Yu Wang ⇒ Profile	Chinese Academy of Sciences (P.R. China)	Development of genome engineering technologies for <i>de novo</i> design and construction of microbial cell factories
2021	Hui-Suan Ng (Grace) ⇒ Profile	UCSI University (Malaysia)	An integrated approach for sustainable production of keratinase using aqueous biphasic electrophoresis ⇒ Expression of His-tagged NADPH-dependent acetoacetyl-CoA reductase in recombinant <i>Escherichia coli</i> BL-21(DE3) (JBB vol. 136, no. 4, pp. 312–319, 2023)
2020	Norhayati Ramli ⇒ Profile	Universiti Putra Malaysia (Malaysia)	Development of value-added products process from palm oil waste and monitoring of bacterial indicators for environmental assessment towards sustainable palm oil industry ⇒ Survivability of <i>Alcaligenaceae</i> and <i>Chromatiaceae</i> as palm oil mill effluent pollution bioindicators under fluctuations of temperature, pH and total suspended solid (JBB vol. 132, no. 2, pp. 174–182, 2021)
2019	Han Xiao ⇒ Profile	Shanghai Jiao Tong Univ. (P.R.China)	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for efficient biosynthesis of antitumor ganoderic acid HLDOA ⇒ Cyclodextrins facilitate the efficient secretion of an anti-tumor triterpenoid ganoderic acid HLDOA by <i>Saccharomyces cerevisiae</i> (JBB vol. 130, no. 2, pp. 142-148, 2020) ⇒ Improving the production of squalene-type triterpenoid 2,3;22,23-squalene dioxide by optimizing the expression of CYP505D13 in <i>Saccharomyces cerevisiae</i> (JBB vol. 130, no. 3, pp. 265–271, 2020)

2018	Pau-Loke Show ⇒ Profile	The Univ. of Nottingham Malaysia (Malaysia)	<p>Converting wastewater to bioenergy and bio-products using microalgae technology</p> <p>⇒ Isolation and characterization of a novel <i>Lactobacillus plantarum</i> MMB-07 from traditional Suanyu for <i>Acanthogobius hasta</i> fermentation (JBB vol. 132, no. 2, pp. 161–166, 2021)</p> <p>⇒ Characterization of a novel type I l-asparaginase from <i>Acinetobacter soli</i> and its ability to inhibit acrylamide formation in potato chips (JBB vol. 129, no. 6, pp. 672–678, 2020)</p> <p>⇒ Overproduction of lipoxygenase from <i>Pseudomonas aeruginosa</i> in <i>Escherichia coli</i> by auto-induction expression and its application in triphenylmethane dyes degradation (JBB vol. 129, no. 3, pp. 327–332, 2020)</p> <p>⇒ Date pits activated carbon for divalent lead ions removal (JBB vol. 128, no. 1, pp. 88–97, 2019)</p> <p>⇒ Auto-flocculation through cultivation of <i>Chlorella vulgaris</i> in seafood wastewater discharge: Influence of culture conditions on microalgae growth and nutrient removal (JBB vol. 127, no. 4, pp. 492–498, 2019)</p>
2017	Fithriyah Sjatha ⇒ Profile	Universitas Indonesia (Indonesia)	Production of resuscitation-promoting factor B of <i>Mycobacterium tuberculosis</i> using various expression systems and their immunogenetical study for vaccine platform
2016	Uschara Thumarat ⇒ Profile	Prince of Songkla Univ. (Thailand)	Biochemical characterization and molecular engineering of recombinant cutinases and carboxylesterase from a thermophilic Actinomycete, <i>Thermobifida alba</i> AHK119
2015	N/A		
2014	Zhiling Li ⇒ Profile	Harbin Inst. of Technol. (P.R.China)	<p>Accelerated reductive dechlorination of chlorinated hydrocarbons by anaerobic bacteria formed biocathode system and the corresponding reaction mechanism</p> <p>⇒ Enhanced denitrification of <i>Pseudomonas stutzeri</i> by a bioelectrochemical system assisted with solid-phase humin (JBB vol. 122, no. 1, pp. 85–91, 2016)</p>
2013	Sen Qiao ⇒ Profile	Dalian Univ. of Technol. (P.R.China)	Effects of electric stimulation on the activity of anammox biomass
2012	Li Zhang ⇒ Profile	Chinese Research Academy of Environmental Sciences (P.R. China)	<p>Treatment capability of an up-flow anammox column reactor using polyethylene sponge strips as biomass carrier</p> <p>⇒ Characteristics of mesenchymal stem cells derived from Wharton's jelly of human umbilical cord and for fabrication of non-scaffold tissue-engineered cartilage (JBB vol. 117, no. 2, pp. 229–235, 2014)</p>

⇒ [Eligibility criteria and nomination forms](#)

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