

生物工学アジア若手研究奨励賞 (DaSilva Award) は、21世紀の人類社会の発展と地球環境の保全に必須である微生物に関連するバイオテクノロジーの分野で、近い将来に顕著な研究業績をあげることが期待されるアジアの若手研究者に授与されます。本賞は、元ユネスコバイオサイエンス部長であった故Edgar J. DaSilva博士のご寄付により、日本生物工学会創立90周年記念事業の一環として2012年に創設されたものです。

⇒ [推薦要領はこちら](#)

	受賞年	受賞者	所属 (受賞当時)	受賞課題および受賞後の研究成果
第1回	2022年 (R.4)	Yu Wang ⇒ <a href="#">Profile</a>	Tianjin Institute of Industrial Biotechnology, CAS (P.R. China)	Development of genome engineering technologies for <i>de novo</i> design and construction of microbial cell factories
第0回	2021年 (R.3)	Hui-Suan Ng (Grace) ⇒ <a href="#">Profile</a>	UCSI University (Malaysia)	An integrated approach for sustainable production of keratinase using aqueous biphasic electrophoresis
第9回	2020年 (R.2)	Norhayati Ramli ⇒ <a href="#">Profile</a>	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  ⇒ <a href="#">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</a> (JBB vol. 132, no. 2, p. 174-182, 2021)
第8回	2019年 (R.1)	Han Xiao ⇒ <a href="#">Profile</a>	Shanghai Jiao Tong University (P.R. China)	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for efficient biosynthesis of antitumor ganoderic acid HLDOA  ⇒ <a href="#">Cyclodextrins facilitate the efficient secretion of an anti-tumor triterpenoid ganoderic acid HLDOA by <i>Saccharomyces cerevisiae</i></a> (JBB vol. 130, no. 2, p. 142-148, 2020)  ⇒ <a href="#">Improving the production of squalene-type triterpenoid 2,3;22,23-squalene dioxide by optimizing the expression of CYP505D13 in <i>Saccharomyces cerevisiae</i></a> (JBB vol. 130, no. 3, p. 265-271, 2020)

第7回	2018年 (H.30)	Pau-Loke Show ⇒ <a href="#">Profile</a>	The University of Nottingham, Malaysia (Malaysia)	<p>Converting wastewater to bioenergy and bio-products using microalgae technology</p> <p>⇒ <b>Isolation and characterization of a novel <i>Lactobacillus plantarum</i> MMB-07 from traditional Suanyu for <i>Acanthogobius hasta</i> fermentation</b> (JBB vol. 132, no. 2, p. 161-166, 2021)</p> <p>⇒ <b>Characterization of a novel type I l-asparaginase from <i>Acinetobacter soli</i> and its ability to inhibit acrylamide formation in potato chips</b> (JBB vol. 129, no. 6, p. 672-678, 2020)</p> <p>⇒ <b>Overproduction of lipoxxygenase from <i>Pseudomonas aeruginosa</i> in <i>Escherichia coli</i> by auto-induction expression and its application in triphenylmethane dyes degradation</b> (JBB vol. 129, no. 3, p. 327-332, 2020)</p> <p>⇒ <b>Date pits activated carbon for divalent lead ions removal</b> (JBB vol. 128, no. 1, p. 88-97, 2019)</p> <p>⇒ <b>Auto-flocculation through cultivation of <i>Chlorella vulgaris</i> in seafood wastewater discharge: Influence of culture conditions on microalgae growth and nutrient removal</b> (JBB vol. 127, no. 4, p. 492-498, 2019)</p>
第6回	2017年 (H.29)	Fithriyah Sjatha ⇒ <a href="#">Profile</a>	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
第5回	2016年 (H.28)	Uschara Thumarat ⇒ <a href="#">Profile</a>	Prince of Songkla University (Thailand)	Biochemical characterization and molecular engineering of recombinant cutinases and carboxylesterase from a thermophilic actinomycete, <i>Thermobifida alba</i> AHK119
第4回	2015年 (H.27)	該当者なし		

第3回	2014年 (H.26)	Zhiling Li ⇒ <a href="#">Profile</a>	Harbin Institute of Technology (P.R. China)	Accelerated reductive dechlorination of chlorinated hydrocarbons by anaerobic bacteria formed biocathode system and the corresponding reaction mechanism  ⇒ <b>Phenol-degrading anode biofilm with high coulombic efficiency in graphite electrodes microbial fuel cell</b> (JBB vol. 123, no. 3, p. 364-369, 2017)  ⇒ <b>Enhanced denitrification of <i>Pseudomonas stutzeri</i> by a bioelectrochemical system assisted with solid-phase humin</b> (JBB vol. 122, no. 1, p. 85-91, 2016)
第2回	2013年 (H.25)	Sen Qiao ⇒ <a href="#">Profile</a>	Dalian University of Technology (P.R. China)	Effects of electric stimulation on the activity of anammox biomass
第1回	2012年 (H.24)	Li Zhang ⇒ <a href="#">Profile</a>	Chinese Research Academy of Environmental Sciences (P.R. China)	Treatment capability of an up-flow anammox column reactor using polyethylene sponge strips as biomass carrier  ⇒ <b>Characteristics of mesenchymal stem cells derived from Wharton's jelly of human umbilical cord and for fabrication of non- scaffold tissue-engineered cartilage</b> (JBB vol. 117, no. 2, p.229-235, 2014)

- [生物工学アジア若手研究奨励賞 \(The DaSilva Award\) の創設について](#) 

⇒ [学会賞Topへ](#)