

Jonghoon Choi

Affiliation:

Chung-Ang University, Seoul Korea

Research title for the award:

Nanoscale liposomes encapsulating oxygen saturated buffers for the reverse of hypoxia and drug delivery



Dr. Jonghoon Choi is an Associate Professor in the School of Integrative Engineering at Chung-Ang University. He is also an Adjunct Professor at the School of Dentistry at Yonsei University. Dr. Choi is currently a Visiting Faculty in the Department of Chemical and Biomolecular Engineering at the University of Pennsylvania. He obtained his bachelor's degree in Chemical Engineering at the Seoul National University and then his Ph.D. degree also in ChemE at the University of Maryland, USA. After three years of training as a postdoc in Johns Hopkins Medicine and MIT, he has been an independent PI in Korea since the year 2012.

Dr. Choi's research aims to develop novel nanobiosensors and smart nanobiomaterials for their applications in nanomedicine. Dr. Choi has authored more than 110 SCI(E) journal articles and other numerous publications, and patent/disclosure applications. His work has been published in top journals, including Nature Nanotechnology, Journal of Controlled Release, and Journal of the American Chemical Society, which has been cited >3200 times with the h-index over 30 to date. Dr. Choi has been serving as an editorial board member for SCI(E) Journals, including PLoS ONE, Analytical Sciences, and Biotechnology & Bioprocess Engineering.

[Message to SBJ]

この素晴らしい賞の受賞者に選んでいただいた日本生物工学会の先生方に心より感謝を申し上げます。
私はSBJメンバーとの共同研究が、より活発になることを誰よりも望んでいます。これからもずっと良い縁になることを願っています。

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