

Mitsuhiro EBARA



☎ (+81) 29 860 4775 | ✉ EBARA.Mitsuhiro@nims.go.jp

Mitsuhiro Ebara was born in Tokyo, Japan in 1975. He studied at Waseda University, where he received B.S. (1995), M.S. (1999), and Ph.D. (2004) degrees in the Department of Applied Chemistry. He was a Postdoctoral Fellow at University of Washington from 2004 to 2006. He became an assistant professor at Osaka University Hospital in 2007. He joined the National Institute for Materials Science (NIMS) in 2009. He has been group leader of Smart Polymers Group from 2019. He was promoted to a field director of Research Center for Macromolecules and Biomaterials in 2023. He is also appointed as professors at University of Tsukuba and Tokyo University of Science. He has been also working as an advisor for many companies. Dr. Ebara's research group focuses on developing smart biotechnologies using stimuli-responsive polymers. He has published 126 scientific papers and 124 review papers (as of 2023.1.1).

Education

Waseda University Department of Applied Chemistry, *Tokyo, JAPAN*

Ph. D. in Chemical Engineering

2004

Professional Experience

University of Washington Department of Bioengineering, *Seattle, USA*

Postdoctoral Fellow

2004-2006

Osaka University Medical Center for Translational Research, *Osaka, JAPAN*

Assistant Professor

2007-2009

National Institute for Materials Science (NIMS)

International Center for Materials Nanoarchitectonics (MANA), *Tsukuba, JAPAN*

Senior Researcher

2009-2015

MANA Associate PI

2016-2018

Research Center for Functional Materials

Group Leader

2019-2023

Research Center for Macromolecules and Biomaterials

Field Director

2023-present

(Additional Posts)

Tokyo University of Science

Graduate School of Industrial Science and Technology, *Tokyo, JAPAN*

Associate Professor 2015-2022

Full Professor 2022-present

University of Tsukuba

Graduate School of Pure & Applied Sciences, *Tsukuba, JAPAN*

Associate Professor 2016-2021

Full Professor 2021-present

University of Washington

Department of Bioengineering, *Seattle, USA*

Visiting Scientist 2017-2019

NIMS-L'OREAL Materials Innovation Center

Director 2018-2021

Japan Association for Chemical Innovation

Life Science Division, *Japan*

Advisor 2018- present

Honors & Awards

2021 **NIMS President Award**, **Practical application award** *Tsukuba, JAPAN*

2020 **NIMS President Award**, **Research award** *Tsukuba, JAPAN*

2018 **The Minister of Science and Education Award** *Tokyo, JAPAN*

2016 **Tsukuba Science and Education Meister** *Tsukuba, JAPAN*

2016 **NIMS President Award**, **Best contribution award** *Tsukuba, JAPAN*

2015 **Young Investigator Award**, Japanese Society for Biomaterials *Kyoto, JAPAN*

2014 **Project Prize**, nanotech 2014 *Tokyo, JAPAN*

2012 **Young Scientist Award**, 9th World Biomaterials Congress *Chendu, China*

2011 **Encouragement Award**, 21st Materials Research Society of Japan (MRS-J),
Yokohama, JAPAN

2007 **Young Scientist Lecture Award**, 2nd Japanese Polymer Research Symposium,
Kobe, JAPAN

2003 **Poster Award for the Outstanding Presentations**, ISSP International Workshop
5th Gel Symposium, *Chiba, JAPAN*

2003 **Best Student Poster Award**, 36th Japanese Society of Chemical Engineering,
Sendai, JAPAN

2003 **The Minister of Science and Education Award**, Japan Industrial Journal *Tokyo,*
JAPAN

2003 **Best Student Studies Award**, 78th Chemical Society Japan National Meeting
Tokyo, JAPAN

2002 **Japan-Korea Joint Symposium Award**, 24th Annual Meeting of the Japanese
Society for Biomaterials *Tokyo, JAPAN*

2002 **Annual Best Students Award**, Waseda University *Tokyo, JAPAN*

2001 **Korea-Japan Biomaterials Research Young Investigator's Award**, Korean
Society for Biomaterials *Busan, South Korea*

Outreach Activities

Tsukuba Science Education Meister *Tsukuba, JAPAN*

2016

Dr. Mitsuhiro Ebara was certified as the Tsukuba Science Education Meister which was established by Tsukuba city in order to praise the people at universities and public institutions who have made a remarkable accomplishment on science education in the city.