

## **Makoto Suematsu, MD, PhD**

March 1983

Graduated from Keio University School of Medicine (MD)

1984-1988

Post-graduate School, Keio University School of Medicine (PhD)  
(Gastroenterology and Microvascular Physiology)

May 1991

Bioengineer Step IV, Institute for Biomedical Engineering,  
University of California San Diego (Supervised by Professor Benjamin W Zweifach and  
Professor Geert W Schmid-Schoenbein)

April 2001

Professor and Chair, Department of Biochemistry and Integrative Medical Biology, Keio  
University School of Medicine

June 2007

Leader, Global Center of Excellence for Life Sciences, Human Metabolomic Systems  
Biology from MEXT

October 2007-March 2015

Dean, School of Medicine, Keio University

October 2009-present

Leader, JST, ERATO, Suematsu Gas Biology Project

April 2015-present

The Founding President,  
Japan Agency for Medical Research and Development (AMED)

International Activities

Member, Heads of International Research Organizations (HIROs)

The International Selection Panel, National Institute of Health Research Biomedical  
Research Centres & Units (NIHR-Biomedical Research Ctr), UK

Member, Global Alliance of Chronic Diseases (GACD)

Member, GLOPID-R (Global Research Collaboration for Infectious Disease  
Preparedness)

International Advisory Board, Vilnius University Faculty of Medicine, Lithuania

Member, Consortium Assembly, International Rare Disease Research Consortium  
(IRDiRC)

### **IV. Main Research Interests**

Gas Biology and Medicine, Microcirculatory physiology, Development of Imaging MS  
spectrometry. Exploring disease-specific biomarker molecules by metabolomics

### **V. Contributions to Scientific Communities and Awards**

President, Japanese Society for Microcirculation (2007~2015)

President, 10th World Congress for Microcirculation (Kyoto, September 2015)

Ludwig Boltzmann Lecture (2016, 2017)