

Yoshika Sekine

Professor, School of Science, Tokai University

President, Society of Indoor Environment, Japan (SIEJ)

Prof. Yoshika Sekine is an expert in the field of environmental chemistry in relation to human health. He graduated from Faculty of Science and Technology, Keio University and received his PhD in 1993. He is currently working as professor of Department of Chemistry, School of Science, Tokai University, adjunct lecturer of Graduate School of Media and Governance, Keio University, and also adjunct lecturer of Kanagawa University of Human Services. He is also serving as the president of Society of Indoor Environment, Japan (SIEJ) since 2016.

He covers a variety range of research topics including “Air quality watching in Asia”, “Pollution control of hazardous chemicals in indoor environment”, and “Wellness monitoring via human skin gas analysis”. He received several awards from academic societies, for example, 1st Place of the Best Poster Award, Indoor Air 2011 held at Austin, Texas, USA for his presentation on oxidative decomposition of formaldehyde by manganese dioxide at room temperature.

He is currently publishing several research papers on the human skin gases, which are trace gases emanating from human skin surface, in relation to environment and health. At the Indoor Air 2020 he will talk about the human skin gas in indoor environment and how to utilize the non-invasive bio-information for human health promotion.