



Dr Ken-ichi Sato

*2014 Recipient
of the
Natural Product Communications
“Gerald Blunden Award”*

Dr Ken-ichi Sato is a Professor at Kanagawa University in the Department of Material and Life Chemistry, Faculty of Engineering. He was awarded Dr. Sc. from Tokyo Institute of Technology for his work on Studies on Stereoselectivity in the Nucleophilic Reaction of Uloses.

He studied the Synthesis of Branched-Chain Sugars as a Research Associate under the supervision of Professor J. Yoshimura at Tokyo Institute of Technology. During 1981-1982, he studied Total Synthesis of Natural Products: The ‘Chiron’ Approach as a postdoctoral fellow with Professor S. Hanessian at Département de Chimie, Faculté des arts et des sciences, Université de Montréal, Canada. Subsequently, he moved to his alma mater Kanagawa University as Associate Professor in 1986 and studied carbohydrate chemistry with an emphasis on the synthesis of natural products from carbohydrates.

His recent research is focused on the preparation of simplifivative universal chiral building blocks (like Lego) which functionalize tertiary carbon or quaternary carbon in the synthesis of complex natural products.