

Yoshihiro Kubota, short biography

Yoshihiro Kubota is a professor of Division of Materials, Science and Chemical Engineering Yokohama National University. He earned his B.S., M.S., and Ph.D. in Pharmaceutical Sciences all from the University of Tokyo in 1987, 1989, and 1992, respectively. He started his work on the organic structure-directing agent for the synthesis of high-silica molecular sieves when he was a visiting associate at Mark E. Davis laboratory of California Institute of Technology (1994–1995). He had been an associate professor of Department of Chemistry, Faculty of Engineering, Gifu University until August in 2004, and synthesized a novel molecular sieve GUS-1 with the topology of GON, which is the first framework type code from Japan. After moving to Yokohama National University, he was successful in synthesizing a novel zeolite YNU-5 with YFI topology. His research interests are consistently “synthesis of ordered microporous and mesoporous materials and their catalytic applications such as acid-base catalysis and catalytic oxidation reactions”, particularly focusing on MSE and YFI topologies. He was in charge of president of Japan Zeolite Association from 2020 to 2022. He received the Catalysis Society of Japan Award (Academic field) in January 2024.

