

Biographies

Ki Tae Nam

Professor Ki Tae Nam received his B.S. and M.S. in Materials Science and Engineering from Seoul National University, and his Ph.D. in Materials Science and Engineering from Massachusetts Institute of Technology. He got the "outstanding PhD thesis award" from MIT.

His PhD thesis was about the "virus-based battery" that has been highlighted as the first demonstration of virus based electrochemical devices. During his postdoc (2007-2010) at Lawrence Berkeley National Lab, he studied peptide mimetic polymer to assemble two dimensional structures. Since 2010, His group at SNU continue to pioneer the research area of bioinspired material science to make new functional materials for energy and optical applications. Recent innovations include the development of CO₂ utilization chemistry and the peptide based synthesis of chiral nanomaterials. In 2022, He received the POSCO Chung-am Award that is one of the most prestigious award in Korea. He is also a member of the Young Korean Academy of Science and Technology (Y-KAST).

