



Nai-Xing Wang obtained his MSc from Xian Modern Chemistry Research Institute in 1990 and PhD from Beijing Institute of Technology in 1993. He was appointed as postdoctoral fellow at Institute of chemistry, Chinese Academy of Sciences in 1993, he completed the postdoctoral research in 1995 and was promoted to associate professor there. He moved to Department of Organic Chemistry at Chalmers University of Technology in Sweden and pursued postdoctoral studies in January 1996, and in October of the same year he was invited from Sweden to Clemson University in USA to continue the postdoctoral research until 1998. In June 1998, he was selected for a Robert A. Welch Foundation Postdoctoral Fellowship in Department of Chemistry at Rice University in USA from June 1998 to May 2000. In May 2000 he returned to Beijing and was appointed as Professor at Technical Institute of Physics and Chemistry, and has been awarded by the Hundred Talent Program of the Chinese Academy of Sciences.

Nai-Xing Wang has published more than 160 papers ,(such as Zhou, Y. Q.; Wang, Nai-Xing*; et al. [4+3] Cycloaddition of Aromatic α,β -Unsaturated Aldehydes and Ketones with Epoxides: One-Step Approach to Synthesize Seven-Membered Oxacycles Catalyzed by Lewis Acid. *J. Org. Chem.* 2011, 76(2), 669-672; Wang, Nai-Xing*; Zhao, Jia. A Novel NADH Model: Design, Synthesis, and its Chiral Reduction and Fluorescent Emission. *Adv. Synth. Catal.* 2009, 351, 3045. Wang, Nai-Xing *, *Coordin. Chem. Rev.* 2012, 256, 938-952 and *Org. Lett.*, 2008, 10(9), 1875; *Org. Lett.*, 2008, 10(6), 1179. *Nature* 2011, 476, 253-253; *Nature: Scientific Reports* 2013, 3, 1058. doi:10.1038/srep01058.

Nai-Xing Wang obtained for 11 patents mainly on the asymmetric synthesis, Professor Wang's book "Organic Reactions-the Reactions of Polynitrogen Compounds and Some Theoretic Questions (third edition) " had been published in 2013 by Chemical Industry Press, and his book "Nuclear Magnetic Resonance Spectroscopy—Applications in Organic Chemistry (second edition)" has been published in 2010 by Chemical Industry Press. The Book "Bio-Organic

Photochemistry” was published by Science Press in 2008. In 2011, his book “Total Synthesis of Natural Products—Strategies, Disconnections and Analyses (second edition)” was also published by Science Press in 2014.

Nai-Xing Wang completed the total synthesis of one complicated biologically and pharmacologically active molecule (Nebivolol). Chroman derivatived (+) - (*S,R,R,R*)-Nebivolol, a β 1-adrenergic receptor blocker with antihypertensive activity, which has been synthesized successfully by natural chiron in mild conditions in 2007. Nai-Xing Wang completed the synthesis of novel NADH model with six chiral centers and found fluorescence emission at 455 nm. Nai-Xing Wang found some stable acyclic aliphatic solid enols, and relationship between the structure and the stability of these enols was discussed, Nai-Xing Wang found and discuss two methylene protons which adjacent to chiral center are chemical shift inequivalent.

In 2013, Professor Nai-Xing Wang wined the Prize of Science and Technologies in Beijing City.