



Topic of the Speech:

Multiscale Engineering of Silk Fibrous Biomaterials for Medical Textile Applications

Prof. Xiaoqin Wang

Soochow University
China



Prof. Xiaoqin Wang was born in January 1969. He holds a doctoral degree and is currently a professor and doctoral supervisor. He serves as a distinguished professor at the National Engineering Laboratory for Modern Silk, and the chief scientist of sericin biotechnology at Suzhou Silktex Biotechnology Co., Ltd. and Zhejiang Kailixiya Group. He is also recognized as a leading talent in nanotechnology at Suzhou Industrial Park and a leading talent in Suzhou (Gusu Talent). He has presided over scientific research projects such as the General Program of the National Natural Science Fund, regional government international exchanges, and the National Key R&D Program. He has published more than 80 representative papers in SCI journals such as *Biomaterials* and *Journal of Controlled Release*, and also serves as a reviewer for several academic journals and international conferences. He has trained more than 40 doctoral and master's students, and actively promotes scientific research cooperation and exchanges with high-level research institutions abroad such as Tufts University. He has applied for nearly 80 international and Chinese invention patents, nearly 30 of which have been approved. The medical devices and beauty and skin care products made from silk fibroin have passed safety and effectiveness tests and are being promoted for industrialization.