

Haijun Xiao

State Key Laboratory of Quality Research in Chinese Medicine
Institute of Chinese Medical Sciences (University of Macau)

E-mail: urzone@163.com
(Mobile) (+86) 17681182027

Two years' research experience in Pharmaceutical Technology with a diverse background in the Development and Evaluation of Polymeric Micellar Drug Delivery Systems

Academic Education

- 2013-2015 M.S. in Chinese Medicinal Science, University of Macau, Macau.
- Study emphases: Pharmaceutical technology, Pharmacology
 - GPA: 3.25/4.0
- 2009-2013 B.S. in Pharmaceutical Technology, China Pharmaceutical University, Nanking.
- Study emphases: Pharmaceutics, Biomedical Polymers, Instrumental Analysis, Medicinal Chemistry.
 - GPA: 3.44/4.0

Academic Experience

- 2013-2015 Institute of Chinese Medical Sciences(ICMS), University of Macau.
- Stability evaluations of biomedical polymeric micelles based on synthesised biodegradable copolymers with special functions & the effects of nanostructure of polymers on the micellar self-assembled behaviour, the physical stability, the intracellular drug delivery efficiency and anticancer efficacy.
 - Extraction and purification of active compounds from Chinese herbals.
- 2012-2013 Faculty of Life Science and Technology, China Pharmaceutical University.
- 5-FU loaded PLGA Nano-particles conjugated with VEGF: An active targeting drug delivery system for treatment of gliomas.
- 2011-2012 Faculty of Pharmacy, China Pharmaceutical University
- Novel Nano-gel drug delivery system for treatment of Alzheimer's disease.
 - Researches on the Protective effects of vinpocetine derivatives on cerebral ischemia.

Publication

- Haijun Xiao, Lu Wang. Effects of X-shaped reduction-sensitive amphiphilic block copolymer on drug delivery. *International Journal of Nanomedicine*, 2015 (IF: 4.383).

Skills

- ¹H-NMR; FT-IR Analysis; TEM; Fluorescence Microscopy; UV-Visible Spectroscopy;
- High performance liquid chromatography(HPLC); GPC;
- Freezing Dryer; Vacuum Drying Equipment;
- X-ray Diffraction (XRD); Dynamic Light Scattering; TGA-DTG-DSc system;
- Cell Culture; MTT; Flow Cytometry;