

HAIJUN XIAO

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Academic Education

Macau
09/2013 - 09/2015

M.S. in Chinese Medicinal Science, [University of Macau](#).

Research emphases: **Molecular Pharmaceutics, Targeted Drug Delivery, Evaluation of Biosafety**
(GPA: 3.25 / 4.0)

Nanjing, China
09/2009 - 07/2013

B.S. in Pharmaceutics, [China Pharmaceutical University](#).

Study emphases: **Pharmaceutics, Pharmaceutical Analysis, Medicinal Chemistry, Pharmacology**
(GPA: 3.44 / 4.0)

Publication

Original Article

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

Research Experience

11/2013 - 05/2015

Master Thesis Project: "*Effects of X-shaped reduction-sensitive amphiphilic block copolymer on drug delivery* ([PDF](#), [28 M](#)) with emphases on micellar self-assembled behaviour, physical stability, intracellular drug delivery efficiency and anticancer efficacy, at Institute of Chinese Medical Sciences (ICMS), University of Macau.

03/2014 - 10/2014

Master Research Project: "*Extraction and purification of active compounds from Chinese herbs*", at Institute of Chinese Medical Sciences (ICMS), University of Macau.

03/2013 - 07/2013

Undergraduate Thesis Project: "*5-FU loaded PLGA Nano-particles conjugated with VEGF: An active targeting drug delivery system for treatment of gliomas*", at Faculty of Life Science and Technology (FLST), China Pharmaceutical University.

2011 - 2012

Undergraduate Research Assistant: "*Novel Nano-gel drug delivery system for treatment of Alzheimer's disease*", "*Researches on the Protective effects of vinpocetine derivatives on cerebral ischemia*", at Faculty of Pharmacy, China Pharmaceutical University;

References

Prof. Dr. **Ying Zheng**, Institute of Chinese Medical Sciences (ICMS), University of Macau.
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Prof. Dr. **Yu Liu**, Faculty of Life Science and Technology, China Pharmaceutical University.
E_mail: liuyuyaoda@163.com Phone: (+8625) 8327-1298

Skills

Professional Skills

Biopolymer Synthesis (Purification and Characterisation)

Pharmaceuticals Preparation and Evaluation

in vitro **Evaluation** (Biosafety, Delivery efficiency and Drug efficacy)

Instruments

¹H-NMR; FT-IR; 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;

Languages

English (Professional working proficiency)

Mandarin Chinese (Native)



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