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研究方向: 天然产物化学；基於質譜的代謝組學及蛋白質組學分析方法及應用

1999年毕业于中国药科大学药物化学专业，获理学博士学位。1999年至2001年在中国医学科学院协和医科大学（CAMS&PUMC）药物研究所从事博士后研究工作。2001年获得日本学术振兴会（Japan Society for the Promotion of Science）博士后基金的资助，赴日本新泻大学从事博士后研究。2003年至2007年，在中国科学院(CAS)上海药物研究所/国家新药筛选中心担任副研究员，硕士研究生导师。2007年至2011年，在香港中文大学生物医学院从事中药毒理方面的研究工作。2011年进入澳门科技大学以来，主要专注于基于色谱-质谱的蛋白组学分析方法在藥物作用機制研究方面的应用。多年來一直从事中药相关的研究工作，主要包括采用各种光谱及色谱技术，尤其是质谱及核磁共振技术，对中药的活性及毒性成分进行分离、结构鉴定、中药活性成分及毒性成分的作用机理及生物标记物的检测等。在中药研究方面具有丰富的经验。到目前为止，在Journal of Hepatology, PNAS, Analytical Chemistry, Journal of Medicinal Chemistry, Food Chemistry, Journal of Mass Spectrometry, Analytica Chimica Acta, Journal of Natural Products等杂志上发表研究论文90余篇。申请国际发明专利9项，国家发明专利4项。

**学历**

1999.7 中国药科大学理学博士学位

1994.7 华西医科大学理学学士学位

**工作履历**

2018.7 – 今 澳门科技大学副教授

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2001.11 – 2003.11 日本新泻大学博士后

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**学术成果**

近年发表的主要SCI期刊论文：（\*Corresponding author）

1. XQ Bian, W Miao, M Zhao, YR Zhao, Y Xiao, **N Li**\*, JL Wu\*. Microbiota drive insoluble polysaccharides utilization via microbiome-metabolome interplay during Pu-erh tea fermentation. *Food Chem* **2022**, *377*, 132007.
2. XQ Bian, XY Xie, JL Cai, YR Zhao, W Miao, XL Chen, Y Xiao, **N Li**\*, JL Wu\*. Dynamic changes of phenolic acids and antioxidant activity of Citri Reticulatae Pericarpium during aging processes. *Food Chem* **2022**, *373*, 131399.
3. SS Chen, Y Fu, XQ Bian, M Zhao, YL Zuo, YH Ge, Y Xiao, JB Xiao, **N Li**\*, JL Wu\*. Investigation and dynamic profiling of oligopeptides, free amino acids and derivatives during Pu-erh tea fermentation by ultra-high performance liquid chromatography tandem mass spectrometry. *Food Chem* **2022**, *371*, 131176.
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