

Na Li

Position: Associate Professor



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T a c M : Chinese Medicine Chemistry (BP12209/BPAZ0010), Unique Processing Methods of Chinese Medicines (BP12307), Experimental Techniques in Natural Products Chemistry Research (ME 1008), Advances in Chinese Medicine Pharmaceutics (DCMSZ01/ME1005)

R a c a a : Natural product chemistry and Chinese herbal toxicology

Dr. Na Li obtained her Ph.D. degree in Medicinal Chemistry from China Pharmaceutical University in 1999. She proceeded to her postdoctoral training at Institute of Materia Medica of Chinese Academy of Medical Sciences and Peking Union Medical College (CAMS & PUMC) during 1999-2001. In 2001, she was sponsored by Japan Society for the Promotion of Science (JSPS) to work as a postdoctoral research fellow in Niigata University, Japan. From 2003 to 2007, she engaged in the study of bioactive compounds in The National Center for Drug Screening, Shanghai Institute of Materia Medica, Chinese Academy of Sciences (CAS). Her research in The Chinese University of Hong Kong during the period 2007 to 2011 mainly focused on the toxicity of natural products. She works as a principal investigator in Macau University of Science and Technology (MUST) from 2011, and the research interests include the method development and application of proteomics to reveal the mechanism of Chinese herbal medicines as well as the identification of bioactive natural products. She has rich experience in the research of natural

Academic Achievements

1999.7 Ph. D. China Pharmaceutical University, Nanjing, Jiangsu Province, China

1994.7 B. Sc. West China University of Medical Sciences, Chengdu, Sichuan Province, China

Working Experiences

2018.7 – Present Associate Professor, State Key Laboratory for Quality Research in Chinese Medicine, Macau University of Science and Technology

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WY Gu, MX Liu, BQ Sun, MQ Guo, JL Wu, N L *. Profiling of polyunsaturated fatty acids in human serum using off-line and on-line solid phase extraction-liquid chromatography-quadrupole-time-of-flight mass spectrometry. *J Chromatogr A* **2018**, *1537*, 141-146.

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 - 21) WY Gu, N L *, ELH Leung, H Zhou, XJ Yao, L Liu, JL Wu*. Rapid identification of new minor chemical constituents from *Smilacis Glabrae Rhizoma* by combined use of UHPLC-Q-TOF-MS, preparative HPLC and UHPLC-SPE-NMR-MS techniques. *Phytochem. Anal.* **2015**, *26*, 428-435.
 - 22) WY Gu, N L *, ELH Leung, H Zhou, GA Luo, L Liu, JL Wu*. Metabolites software-assisted flavonoids hunting in plant using ultra-high performance liquid chromatography-quadrupole-time of flight mass spectrometry. *Molecules* **2015**, *20*, 3955-3971.
 - 23) L Zhu, N L , JQ Ruan, PP Fu, ZZ Zhao, G Lin. Chemical diversity investigation of hepatotoxic pyrrolizidine alkaloids in Qianliguang (*Senecio scandens*) and related species by UHPLC-QTOF-MS. *World J. Tradit. Chin. Med.* **2015**, *1*, 1-11.
 - 24) XX Fan, N L , et al. Celastrol induces apoptosis in gefitinib-resistant non-small cell lung cancer cells via caspases-dependent pathways and Hsp90 client protein degradation.

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