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Authors: Jinjun Shan, Wenjuan Qian, An Kang, Linxiu Peng, Tong Xie, Lili Lin, Liuqing Di, Pingxi Xiao, Wei Zhou



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# Lipid profile perturbations in the plasma and lungs of mice with LPS-induced acute lung injury revealed by UHPLC-ESI-Q Exactive HF MS analysis

Jinjun Shan<sup>a,b,c</sup>, Wenjuan Qian<sup>a,b,c</sup>, An Kang<sup>a,b</sup>, Linxiu Peng<sup>a,b,c</sup>, Tong Xie<sup>a,c\*</sup>, Lili Lin<sup>a,c</sup>, Liuqing Di<sup>a,b</sup>, Pingxi Xiao<sup>d\*</sup>, Wei Zhou<sup>e\*</sup>

<sup>a</sup> Jiangsu Key Laboratory of Pediatric Respiratory Disease, Institute of Pediatrics, Nanjing University of Chinese Medicine, Nanjing 210023, PR China

<sup>b</sup> Jiangsu Engineering Research Center for Efficient Delivery System of TCM, Nanjing University of Chinese Medicine, Nanjing 210023, PR China

<sup>c</sup> Medical Metabolomics Center, Nanjing University of Chinese Medicine, Nanjing 210023, PR China

<sup>d</sup> Department of Cardiology, the Sir Run Run Hospital, Nanjing Medical University, Nanjing, 211166, PR China

<sup>e</sup> State Key Laboratory of Natural Medicines, School of Traditional Chinese Pharmacy, China Pharmaceutical University, Nanjing 210009, PR China

## \*Correspondence:

Wei Zhou, PHD

Tel.: +86 25 86798226; fax: +86 25 83271038

E-mail: [zhouwei19860506@163.com](mailto:zhouwei19860506@163.com)

Pingxi Xiao, PHD

E-mail: [xpx@njmu.edu.cn](mailto:xpx@njmu.edu.cn)

Tong Xie, PHD

E-mail: [xietong@njucm.edu.cn](mailto:xietong@njucm.edu.cn)

## Highlights

- UHPLC-ESI-Q Exactive HF MS-based lipidomics was applied to profile various lipids.
- About 77 and 13 differential lipids were successfully profiled.
- The lipidomics revealed the correlation between inflammation and lipid metabolism.

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