Associations of plasma amino acid and acylcarnitine profiles with incident reduced glomerular filtration rate

## **Authors**

Feijie Wang, MSc,\* Liang Sun, PhD,\* Qi Sun, MD, ScD,† Liming Liang, PhD,§ Xianfu Gao, PhD,¶ Rongxia Li, PhD,¶ An Pan, PhD,\* Huaixing Li, PhD,\* Yueyi Deng, MD,† Frank B. Hu, PhD,† Jiarui Wu, PhD,¶ Rong Zeng, PhD,¶ and Xu Lin, PhD\*

## **Affiliations**

\*Key Laboratory of Nutrition and Metabolism, Institute for Nutritional Sciences, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences; University of Chinese Academy of Sciences, Shanghai, China;

<sup>†</sup>Department of Nutrition, T.H. Chan School of Public Health, Harvard University, Boston, Massachusetts, US;

<sup>‡</sup>Channing Division of Network Medicine, Department of Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, Massachusetts, US;

§Department of Epidemiology, T.H. Chan School of Public Health, Harvard University, Boston, Massachusetts, US;

Department of Biostatistics, T.H. Chan School of Public Health, Harvard University, Boston, Massachusetts, US;

<sup>¶</sup>Key Laboratory of Systems Biology, Center for Excellence in Molecular Cell Science, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai, China;

\*\*Department of Epidemiology and Biostatistics, Ministry of Education Key Lab of Environment and Health, School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei, China;

††Department of Nephrology, Longhua Hospital Affiliated to Shanghai University of Traditional Chinese Medicine, Shanghai, China;

<sup>‡‡</sup>Department of Life Sciences and Technology, ShanghaiTech University, Shanghai, China;

§§Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai, China.