

## **Plasma Mesothelin as a Novel Diagnostic and Prognostic Biomarker in Colorectal Cancer**

Shuwei Li<sup>a,b,\*</sup>, Lisheng Xie<sup>a,b,\*</sup>, Lei He<sup>c,\*</sup>, Zhimin Fan<sup>d</sup>, Junhua Xu<sup>d</sup>, Kaili Xu<sup>a,b</sup>,  
Lingjun Zhu<sup>e</sup>, Gaoxiang Ma<sup>a,b</sup>, Mulong Du<sup>a,b</sup>, Haiyan Chu<sup>a,b</sup>, Zhengdong Zhang<sup>a,b</sup>,  
Min Ni<sup>d</sup>✉, Meilin Wang<sup>a,b</sup>✉

<sup>a</sup>Department of Environmental Genomics, Jiangsu Key Laboratory of Cancer Biomarkers, Prevention and Treatment, Collaborative Innovation Center for Cancer Personalized Medicine, Nanjing Medical University, Nanjing, China;

<sup>b</sup>Department of Genetic Toxicology, The Key Laboratory of Modern Toxicology of Ministry of Education, School of Public Health, Nanjing Medical University, Nanjing, China;

<sup>c</sup>First School of Clinical Medicine, Nanjing University of Chinese Medicine, Nanjing, China;

<sup>d</sup>Department of Colorectal Surgery, The Third Affiliated Hospital of Nanjing University of Chinese Medicine, Nanjing, China;

<sup>e</sup>Department of Oncology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, China;

✉Corresponding authors: Meilin Wang, Ph.D, School of Public Health, Nanjing Medical University 818 East Tianyuan Road, Jiangning District, Nanjing, Jiangsu, 211166, P. R. China; Tel: +86-25-86868417; e-mail: [mwang@njmu.edu.cn](mailto:mwang@njmu.edu.cn) or Min Ni, Department of Colorectal Surgery, The Third Affiliated Hospital of Nanjing University of Chinese Medicine, Nanjing 210001, P. R. China; e-mail: [niminnj@163.com](mailto:niminnj@163.com)

\*These authors contributed equally to the writing of this article.

### Supplementary Figure Legends

**Figure S1. Changes in plasma mesothelin levels in colorectal cancer cases before surgery (Pre) and 7 days after surgical tumor resection (Post).** Red blots represent preoperative plasma concentration and blue blots indicate postoperative plasma concentration.

**Figure S1**

