Relationships of Haptoglobin Phenotypes with Systemic Inflammation and the Severity of Chronic Obstructive Pulmonary Disease.

(Supplementary Materials)

PaoLin Lee^{1,5*}, KangYun Lee^{2,3*}, TsaiMu Cheng⁴, HsiaoChi Chuang^{2,3,5}, ShengMing Wu^{2,3}, PoHao Feng^{2,3}, WenTe Liu^{2,3}, KuanYuan Chen^{2,3}, ShuChuan Ho^{2,5}

Affiliations:

- 1. Department of Respiratory Therapy, Cardinal Tien Hospital, New Taipei City, Taiwan.
- 2. Division of Thoracic Medicine, Department of Internal Medicine, Shuang Ho Hospital, Taipei Medical University, Taipei, Taiwan.
- 3. Division of Thoracic Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan.
- 4. Institute for Translational Medicine, College of Medical Science and Technology, Taipei Medical University, Taipei, Taiwan.
- 5. School of Respiratory Therapy, College of Medicine, Taipei Medical University, Taipei, Taiwan.
 - *These authors contributed equally to this work

Corresponding author

ShuCuan Ho

School of Respiratory Therapy, College of Medicine, Taipei Medical University, 250 Wuxing Street, Taipei 11031, Taiwan.

Tel: +886-2-2736-1661 ext. 3512, Fax: +886-2-2739-1143

E-mail: shu-chuan@tmu.edu.tw

(A).







(C).



Supplementary Fig.1 (A) Hemoglobin-binding patterns of human plasma Hp on 6% native-PAGE. Lane 1, 2, 3 and 4, human plasma of Hp2-1, 2-2, 2-2 and 1-1 phenotypes with hemoglobin, respectively. (B) 6% native-PAGE in healthy subjects. (C) 6% native-PAGE in COPD patients.