Participants from the China Health and Retirement Longitudinal Study who were recruited at 2011–2012 and followed at least once during the subsequent follow-up at 2013, 2015, or 2018 (n=16,447)

Participants excluded (n=11,392)
- No measure of cystatin C or missing data on blood biomarkers (n=8,239)
- Confirmed diabetes at baseline (n=1,278)
- Missing or abnormal data on age, gender, BMI, or blood pressure (n=1,403)
- With kidney disease or eGFR <30 mL/(min×1.73 m²) (n=348)
- Aged <45 years (n=124)

Participants included in the present study (n=5,055)

Supplementary Fig. 1. Flowchart. BMI, body mass index; eGFR, estimated glomerular filtration rate.