

**Supplementary Table 1 – Observational cohort studies *excluded* at the stage of eligibility according to the PRISMA flow diagram.**

Author, Reference	Study Characteristics	Diagnosis of NAFLD	Definition of incident CKD	Covariate Adjustments	Main Findings	Reason(s) for exclusion
<b>Lee DH <i>et al.</i> (29)</b>	Prospective cohort study: 2,478 United States individuals without microalbuminuria at baseline (the Coronary Artery Risk Development in Young Adults Study). Follow-up: 10 years	Liver enzymes ( <i>i.e.</i> , serum GGT levels)	Microalbuminuria ( <i>i.e.</i> , >25 mg/g albumin/creatinine); 420 patients developed microalbuminuria during the follow-up	Age, sex, BMI, study center, race, alcohol consumption, smoking, physical activity, education, plasma lipids	Elevated serum GGT levels ( <i>i.e.</i> , top quartile) were independently associated with incident microalbuminuria	<i>Unsatisfactory outcome measure.</i> The outcome measure was defined as occurrence of early stages of CKD (stages 1 and 2; <i>i.e.</i> , abnormal albuminuria with eGFR $\geq 60$ ml/min/1.73 m <sup>2</sup> )
<b>El Azeem HA <i>et al.</i> (30)</b>	Prospective cohort study: 747 Egyptian individuals with normal or near normal liver and kidney functions, and without proteinuria or prior history of cardiovascular disease at baseline. Follow-up: 3 years	Ultrasonography; prevalence of NAFLD was 35.8%	eGFR <60 mL/min/1.73 m <sup>2</sup> and/or overt proteinuria; 176 patients developed microalbuminuria, 38 patients developed macroalbuminuria; no patients had an eGFR <60 mL/min/1.73 m <sup>2</sup> during the follow-up	Age, sex, BMI, waist circumference, smoking, hypertension, fasting glucose, hemoglobin A1c, diabetes mellitus, lipids, ALT, AST, metabolic syndrome, medication use	NAFLD was independently associated with incident CKD	<i>Unsatisfactory outcome measure.</i> The outcome measure was defined as occurrence of early stages of CKD (stages 1 and 2; <i>i.e.</i> , abnormal albuminuria with eGFR $\geq 60$ ml/min/1.73 m <sup>2</sup> )

Abbreviations: ALT, alanine aminotransferase; AST, aspartate aminotransferase; BMI, body mass index; eGFR, estimated glomerular filtration rate (calculated by using either the four-variable Modification of Diet in Renal Disease study equation); GGT, gamma-glutamyltransferase.