Urinary metabolomic markers of protein glycation, oxidation and nitration in early-stage decline in metabolic, vascular and renal health. Jinit Masania *et al*.

SUPPLEMENTARY TABLES

TABLE S1. Correlation analysis of clinical characteristics and urinary analytes: healthy controls.

	FL	CML	MG-H1	Pyrraline	GSA	DT	GEEK	3-NT	Leu	Ile	Val
FL	■										
CML	0.45	■									
MG-H1	0.84	0.43	■								
Pyrraline	0.43	0.43	0.43	■							
GSA					■						
DT	0.44		0.41			■					
GEEK							■				
3-NT	0.62		0.72					■			
Leu					0.39		0.47		■		
Ile							0.47		0.80	■	
Val									0.82	0.74	■
	FL	**CML**	**MG-H1**	**Pyrraline**	**GSA**	**DT**	**GEEK**	**3-NT**	**Leu**	**Ile**	**Val**

Spearman correlation coefficients (P<0.05 with Bonferroni correction of 20 applied). The variables compared in correlation analysis were: age, BMI, eGFR, fasting plasma glucose, fasting plasma insulin, A1C, CIMT and urinary analytes: FL, CML. MG-H1, pentosidine, glucosepane, pyrraline, dityrosine, GSA, 3-NT, GEEK, leu, ile and val.

TABLE S2. Correlation analysis of clinical characteristics and urinary analytes: impaired metabolic health

	eGFR	FL	CML	MG-H1	Pyrraline	GSP	GSA	DT	GEEK	3-NT	Leu	Ile	Val
eGFR	■												
FL		■											
CML		0.46	■										
MG-H1		0.66	0.63	■									
Pyrraline			0.66	0.52	■								
GSP						■							
GSA			0.53	0.45	0.44		■						
DT						0.45		■					
GEEK					0.49				■				
3-NT		0.51		0.71						■			
Leu	0.56						0.57		0.54		■		
Ile	0.38		0.56	0.57	0.48		0.61		0.45		0.79	■	
Val	0.50		0.48				0.58		0.54		0.89	0.81	■

Spearman correlation coefficients (P<0.05 with Bonferroni correction of 20 applied).

TABLE S3. Correlation analysis of clinical characteristics and urinary analytes: impaired vascular health.

	FL	CML	MG-H1	Pentosidine	GSP	Pyrraline	GSA	DT	3-NT	Leu	Ile	Val
FL	■											
CML		■										
MG-H1	0.74	0.68	■									
Pentosidine				■								
GSP				0.39	■							
Pyrraline		0.57	0.42			■						
GSA		0.44				0.49	■					
DT	0.50	0.41	0.60			0.39		■				
3-NT	0.65		0.70					0.44	■			
Leu			0.40					0.49		■		
Ile			0.43				0.40	0.38		0.72	■	
Val				0.42				0.42		0.86	0.71	■

Spearman correlation coefficients (P<0.05 with Bonferroni correction of 20 applied).

TABLE S4. Correlation analysis of clinical characteristics and urinary analytes: impaired renal health.

	Age	eGFR	FL	CML	MG-H1	GSP	Pyrraline	3-NT	Leu	Ile	Val
Age	■										
eGFR		■									
FL			■								
CML				■							
MG-H1			0.46	0.54	■						
GSP	0.46					■					
Pyrraline				0.50	0.55		■				
3-NT					0.71			■			
Leu		0.60							■		
Ile		0.56							0.83	■	
Val		0.42							0.79	0.86	■

Spearman correlation coefficients ($P<0.05$ with Bonferroni correction of 20 applied).