

Supplementary Table 1
Serum Concentration of free and total pCG and pCS in mice

Treatment	Control		CKD		p-Cresol		pCS		pCG		
	Metabolite assayed	pCG	pCS	pCG	pCS	p-CG	pCS	pCG	pCS	pCG	
n		12		5		4		4		4	
total (mg/L)		0.23 ± 0.07	0.20 ± 0.05	1.37 ± 0.62	1.53 ± 0.56	1.03 ± 0.24	0.88 ± 0.22	0.33 ± 0.02	3.50 ± 0.37	2.33 ± 1.12	0.20 ± 0.13
free (mg/L)		0.20 ± 0.06	<lod	1.09 ± 0.53	<lod	0.92 ± 0.12	<lod	0.25 ± 0.02	0.13 ± 0.01	2.20 ± 1.06	<lod
bound (mg/L)		0.08 ± 0.01	n/a	0.27 ± 0.09	n/a	0.12 ± 0.04	n/a	0.08 ± 0.01	3.36 ± 0.35	0.13 ± 0.06	n/a
% protein bound		20.7 ± 2.8	n/a	23.0 ± 2.6	n/a	n/a	n/a	22.7 ± 2.7	96.2 ± 1.0	5.6 ± 0.4	n/a

Plasma concentration of p-cresyl sulfate and p-cresyl glucuronide in control and 5/6 nephrectomized mice. Plasma concentration of p-cresyl sulfate and p-cresyl glucuronide was further measured in mice one hour after intraperitoneal injection of 10mg/kg of p-Cresol, p-cresyl-sulfate (p-CS) or p-cresyl-glucuronide (p-CG). Data are mean ± SEM.

Abbreviations: lod, limit of detection, n/a, not applicable. The limit of detection was 0.08 mg/L for p-CS and p-CG.