Supplementary Table: Effect of RQH on sensitivity (pD2) and maximal effect (Emax) to Phe or NE in Aorta or MRA, respectively, of rats of all experimental groups and experimental conditions.

	Aorta							
	pD_2				E_{max} (%)			
	Control	**RQH**	**Cd**	**CdRQH**	**Control**	**RQH**	**Cd**	**CdRQH**
E+	6.2 ± 0.1	6.0 ± 0.1	5.9 ± 0.1	5.9 ± 0.1	64.0 ± 1.5	61.8 ± 2.7	84.0 ± 2.2$^{\#}$	68.3 ± 3.4$^{\&}$
LNAME	6.3 ± 0.1	6.2 ± 0.1	6.1 ± 0.1	6.3 ± 0.1	109.7 ± 5.4*	107.1 ± 5.8*	94.7 ± 6.2	105.5 ± 4.4*
SOD	6.0 ± 0.1	5.8 ± 0.1	5.8 ± 0.1	5.9 ± 0.1	63.8 ± 5.1	62.9 ± 4.5	56.9 ± 4.2*	53.4 ± 3.5*
TIRON	6.2 ± 0.1	5.6 ± 0.1	5.9 ± 0.1	5.9 ± 0.1	43.6 ± 6.0*	41.8 ± 7.8*	29.8 ± 7.7*	37.8 ± 5.0*
NS398	6.0 ± 0.1	5.9 ± 0.1	5.8 ± 0.1	5.8 ± 0.1	66.2 ± 4.2	67.3 ± 6.4	50.0 ± 5.3*	59.0 ± 3.9
ACh	6.4 ± 0.1	6.4 ± 0.1	6.5 ± 0.1	6.3 ± 0.1	88.2 ± 1.8	86.5 ± 2.3	82.3 ± 2.5	88.1 ± 2.0
SNP	6.4 ± 0.1	6.2 ± 0.1	6.7 ± 0.1	6.5 ± 0.1	99.8 ± 2.5	100.2 ± 2.4	101.4 ± 1.6	98.9 ± 1.4
	MRA							
E+	5.2 ± 0.1	4.9 ± 0.1	5.2 ± 0.1	4.9 ± 0.1	2.7 ± 0.3	2.9 ± 0.2	4.1 ± 0.3$^{\#}$	3.1 ± 0.3$^{\&}$
LNAME	4.9 ± 0.1	5.4 ± 0.1	5.3 ± 0.1	5.7 ± 0.1*	4.3 ± 0.5*	3.7 ± 0.3*	4.4 ± 0.6	4.2 ± 0.4*
SOD	5.1 ± 0.0	4.9 ± 0.2	4.8 ± 0.1	4.9 ± 0.1	2.8 ± 0.5	2.7 ± 0.5	2.9 ± 0.4*	2.9 ± 0.4
TIRON	5.4 ± 0.1	4.9 ± 0.2	4.9 ± 0.03	4.7 ± 0.1	2.7 ± 0.5	3.2 ± 0.5	2.9 ± 0.2*	3.6 ± 0.3
NS398	5.1 ± 0.2	4.9 ± 0.1	4.7 ± 0.1	4.9 ± 0.2	2.9 ± 0.04	2.8 ± 0.5	1.8 ± 0.3*	3.2 ± 0.4
ACh	6.8 ± 0.4	6.6 ± 0.4	6.5 ± 0.3	6.2 ± 0.5	86.8 ±1.7	87.3 ± 2.0	89.0 ± 2.0	91.1 ± 2.6
SNP	7.0 ± 0.7	7.1 ± 0.4	7.2 ± 0.7	7.4 ± 1.5	90.3 ± 2.5	96.9 ± 5.1	90.6 ± 7.8	97.1 ± 3.9

Sensitivity (pD2) and maximum response (Rmax) parameters of concentration-response curves to Phe or NE in aorta or MRA from control rats, treated with Cd, red quinoa hydrolysate (RQH) and both treatments (CdRQH). (E+, represents intact endothelium vessel) and in the presence of incubation of L-NAME (100 µM), SOD (150 U/mL), TIRON (1 mmol/L), NS398 (1 µM) or ACh/SNP curves. Results are expressed as mean ± SEM (N=10/each group). Rmax: maximum response (expressed as a percentage of the maximum response induced by 75 mM KCl or mN/mm in MRA and pD2 expressed as -log of half of Rmax. *$p < 0.05$ vs corresponding Control in each group, # vs Control group, & vs Cd group.