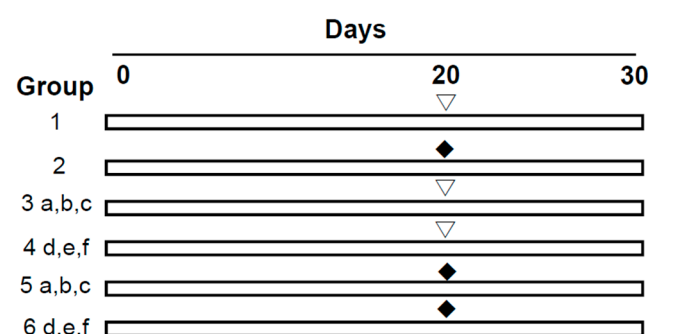


Supplementary Materials: Antimutagenic Effects of Selenium-Enriched Polysaccharides from *Pyracantha fortuneana* through Suppression of Cytochrome P450 1A Subfamily in the Mouse Liver

Fan Peng, Xin Guo, Zhihong Li, Changzheng Li, Changdong Wang, Weiran Lv, Junjie Wang, Fangxiang Xiao, Mohammad Amjad Kamale and Chengfu Yuan

Table S1. Protection against MMC-induced chromosomal aberrations in male mice testicle cells by Se-PFPs, PFPs, Selenite, Selenite + PFPs.



▽: 0.9% NaCl (ip)

◆: 2 mg/kg.bw of MMC (ip)

a: 1.35 g/kg.bw of Se-PFPs (ig)

b: 2.7 g/kg.bw of Se-PFPs (ig)

c: 5.4 g/kg.bw of Se-PFPs (ig)

d: 2.7 g/kg.bw of PFPs (ig)

e: 10 µg/kg.bw of selenite (ig)

f: 2.7 g/kg.bw of PFPs +10 µg/kg.bw of selenite (ig)

Group	Polysaccharides Dose (g/kg.bw)	Selenium Dose (µg/kg.bw)	No. of Animal	No. of Analyzed Cells	Chromosomal Aberrations		Inhibition (%)
					No.	%	
0.9% NaCl	0	0	10	10,000	131 ± 13	1.31 ± 0.13	
MMC	0	0	10	10,000	1224 ± 83	12.24 ± 0.83 ^a	
Se-PFPs (a) + NaCl	1.35	5	10	10,000	102 ± 14	1.02 ± 0.14	
Se-PFPs (b) + NaCl	2.7	10	10	10,000	99 ± 11	0.99 ± 0.11	
Se-PFPs (c) + NaCl	5.4	20	10	10,000	94 ± 12	0.94 ± 0.12	
PFPs + NaCl	2.7	0.108	10	10,000	115 ± 18	1.15 ± 0.18	
Selenite + NaCl	0	10	10	10,000	124 ± 10	1.24 ± 0.10	
PFPs + Selenite + NaCl	2.7	10	10	10,000	116 ± 11	1.16 ± 0.11	
Se-PFPs (a) + MMC	1.35	5	10	10,000	632 ± 50	6.32 ± 0.50 ^b	54.2
Se-PFPs (b) + MMC	2.7	10	10	10,000	436 ± 49	4.36 ± 0.49 ^{b,d}	72.1
Se-PFPs (c) + MMC	5.4	20	10	10,000	213 ± 34	2.13 ± 0.34 ^{b,d}	92.5
PFPs + MMC	2.7	0.108	10	10,000	817 ± 67	8.17 ± 0.67 ^b	37.2
Selenite + MMC	0	10	10	10,000	752 ± 55	7.52 ± 0.55 ^{b,c}	43.2
PFPs + Selenite + MMC	2.7	10	10	10,000	534 ± 51	5.34 ± 0.51 ^b	63.1

^a $p < 0.05$, compared with 0.9% NaCl (negative control) group; ^b $p < 0.05$, compared with MMC (positive control) group; ^c $p < 0.05$, compared with Se-PFPs (b) + MMC group; ^d $p < 0.05$, compared with Se-PFPs (a) + MMC group.