

SUPPLEMENT - Table 1. ADP-induced P-selectin expression [% CD62P-APC⁺/CD61-PE⁺] after pre-incubation with phenolic compounds.

| Compound | Concentration | n | Mean (SEM) | Effect (%Δ) | P |
|----------|---------------|----|------------|-------------|---------|
| GCBE | 0.01 µg/mL | 10 | 10.7 (0.9) | 1.6 | NS |
| | 0.1 µg/mL | 10 | 10.3 (0.9) | -2.4 | NS |
| | 1 µg/mL | 10 | 10.2 (0.9) | -3.3 | NS |
| | 10 µg/mL | 10 | 10.0 (0.9) | -4.9 | NS |
| | 20 µg/mL | 10 | 10.6 (0.9) | 0.1 | NS |
| | 50 µg/mL | 9 | 11.3 (0.9) | 6.8 | < 0.001 |
| | 100 µg/mL | 10 | 13.4 (0.9) | 26.4 | < 0.001 |
| YMPE | 0.01 µg/mL | 9 | 11.0 (0.9) | 4.5 | NS |
| | 0.1 µg/mL | 9 | 10.5 (0.9) | -0.6 | NS |
| | 1 µg/mL | 10 | 10.0 (0.9) | -4.9 | NS |
| | 10 µg/mL | 10 | 9.5 (0.9) | -10.5 | < 0.001 |
| | 20 µg/mL | 10 | 9.7 (0.9) | -8.5 | < 0.001 |
| | 50 µg/mL | 10 | 9.9 (0.9) | -6.00 | < 0.001 |
| | 100 µg/mL | 9 | 15.0 (0.9) | 42.2 | < 0.001 |
| CAF | 0.01 µM | 9 | 11.2 (0.9) | 6.3 | < 0.001 |
| | 0.1 µM | 10 | 10.5 (0.9) | -0.7 | NS |
| | 1 µM | 10 | 10.2 (0.9) | -3.3 | NS |
| | 10 µM | 10 | 10.1 (0.9) | -4.7 | NS |
| | 20 µM | 10 | 10.0 (0.9) | -5.8 | < 0.001 |
| | 50 µM | 10 | 9.7 (0.9) | -8.0 | < 0.001 |
| | 100 µM | 10 | 9.7 (0.9) | -8.0 | < 0.001 |
| TB | 0.01 µM | 9 | 10.6 (0.9) | 0.0 | NS |
| | 0.1 µM | 10 | 10.1 (0.9) | -4.0 | NS |
| | 1 µM | 10 | 9.9 (0.9) | -6.4 | < 0.001 |
| | 10 µM | 10 | 9.4 (0.9) | -11.3 | < 0.001 |
| | 20 µM | 10 | 9.2 (0.9) | -12.9 | < 0.001 |
| | 50 µM | 10 | 9.6 (0.9) | -8.9 | < 0.001 |
| | 100 µM | 10 | 9.7 (0.9) | -8.2 | < 0.001 |
| 5-CQA | 0.01 µM | 10 | 11.3 (0.9) | 7.2 | < 0.001 |
| | 0.1 µM | 9 | 10.5 (0.9) | -0.7 | NS |
| | 1 µM | 9 | 9.8 (0.9) | -7.5 | < 0.001 |
| | 10 µM | 9 | 9.8 (0.9) | -7.6 | < 0.001 |
| | 20 µM | 9 | 9.7 (0.9) | -8.3 | < 0.001 |
| | 50 µM | 9 | 10.1 (0.9) | -4.6 | NS |
| | 100 µM | 9 | 10.3 (0.9) | -2.9 | NS |

SUPPLEMENT - Table 1 continued.

| Compound | Concentration | n | Mean (SEM) | Effect (%Δ) | P |
|-----------|---------------|----|------------|-------------|---------|
| 3,5-DCQA | 0.01 μM | 10 | 10.7 (0.9) | 1.0 | NS |
| | 0.1 μM | 10 | 10.6 (0.9) | 0.6 | NS |
| | 1 μM | 10 | 10.1 (0.9) | -4.6 | NS |
| | 10 μM | 10 | 9.7 (0.9) | -8.0 | < 0.001 |
| | 20 μM | 10 | 9.9 (0.9) | -6.7 | < 0.001 |
| | 50 μM | 10 | 10.4 (0.9) | -1.5 | NS |
| | 100 μM | 10 | 10.7 (0.9) | 1.6 | NS |
| CA | 0.01 μM | 10 | 10.6 (0.9) | 0.5 | NS |
| | 0.1 μM | 10 | 10.4 (0.9) | -1.1 | NS |
| | 1 μM | 10 | 10.3 (0.9) | -2.1 | NS |
| | 10 μM | 10 | 10.0 (0.9) | -4.9 | NS |
| | 20 μM | 10 | 9.7 (0.9) | -8.6 | < 0.001 |
| | 50 μM | 9 | 10.0 (0.9) | -4.9 | NS |
| | 100 μM | 10 | 10.2 (0.9) | -3.5 | NS |
| FA | 0.01 μM | 10 | 11.2 (0.9) | 6.3 | < 0.001 |
| | 0.1 μM | 10 | 10.3 (0.9) | -2.7 | NS |
| | 1 μM | 10 | 10.4 (0.9) | -1.7 | NS |
| | 10 μM | 10 | 10.0 (0.9) | -5.3 | < 0.001 |
| | 20 μM | 10 | 9.8 (0.9) | -7.4 | < 0.001 |
| | 50 μM | 10 | 9.7 (0.9) | -8.4 | < 0.001 |
| | 100 μM | 10 | 9.5 (0.9) | -9.9 | < 0.001 |
| DHCA | 0.01 μM | 10 | 10.3 (0.9) | -2.9 | NS |
| | 0.1 μM | 10 | 10.1 (0.9) | -4.6 | NS |
| | 1 μM | 10 | 9.7 (0.9) | -7.7 | < 0.001 |
| | 10 μM | 10 | 9.4 (0.9) | -10.6 | < 0.001 |
| | 20 μM | 10 | 9.1 (0.9) | -13.5 | < 0.001 |
| | 50 μM | 10 | 9.4 (0.9) | -10.7 | < 0.001 |
| | 100 μM | 10 | 9.8 (0.9) | -7.7 | < 0.001 |
| DHFA | 0.01 μM | 10 | 10.7 (0.9) | 1.3 | NS |
| | 0.1 μM | 10 | 10.5 (0.9) | -0.6 | NS |
| | 1 μM | 10 | 10.1 (0.9) | -4.5 | NS |
| | 10 μM | 10 | 9.9 (0.9) | -6.3 | < 0.001 |
| | 20 μM | 10 | 9.4 (0.9) | -10.6 | < 0.001 |
| | 50 μM | 10 | 10.3 (0.9) | -2.8 | NS |
| | 100 μM | 10 | 10.0 (0.9) | -5.1 | NS |
| Quercetin | 10 μM | 23 | 9.9 (0.9) | -6.0 | < 0.001 |
| | 25 μM | 22 | 9.3 (0.9) | -12.2 | < 0.001 |

Platelets induced with 10 μM adenosine 5'-diphosphate (ADP) expressing surface P-selectin as percentage of the total number of platelets [% CD62P-APC+/CD61-PE+] are shown as absolute values of adjusted mean with standard error of mean (SEM, n ≥ 9 per compound and concentration) and percentage changes (%Δ) compared with 0.1% DMSO/PBS control (n = 121, 10.6 ± 0.9). 5-CQA, 5-caffeoylequinic acid; 3,5-DCQA, 3,5-dicaffeoylquinic acid; CA, caffeiic acid; CAF, caffeine; DHCA, dihydrocaffeic acid; DHFA, dihydroferulic acid; FA, ferulic acid; GCBE, green coffee bean extract; NS, not significant; TB, theobromine; YMPE, yerba mate phenolic extract.

SUPPLEMENT - Table 2. ADP-induced fibrinogen binding [% fibrinogen-AF488⁺/CD61-PE⁺] after pre-incubation with phenolic compounds.

| Compound | Concentration | n | Mean (SEM) | Effect (%Δ) | P |
|----------|---------------|----|------------|-------------|-------|
| GCBE | 0.01 µg/mL | 10 | 61.3 (2.7) | 6.3 | 0.023 |
| | 0.1 µg/mL | 10 | 62.1 (2.7) | 7.7 | 0.023 |
| | 1 µg/mL | 10 | 63.0 (2.7) | 9.3 | 0.023 |
| | 10 µg/mL | 10 | 62.9 (2.7) | 9.1 | 0.023 |
| | 20 µg/mL | 10 | 64.4 (2.7) | 11.7 | 0.023 |
| | 50 µg/mL | 9 | 65.7 (2.7) | 13.9 | 0.023 |
| | 100 µg/mL | 10 | 67.5 (2.7) | 17.0 | 0.023 |
| YMPE | 0.01 µg/mL | 9 | 60.1 (2.7) | 4.2 | 0.023 |
| | 0.1 µg/mL | 9 | 61.3 (2.7) | 6.2 | 0.023 |
| | 1 µg/mL | 10 | 60.4 (2.7) | 4.8 | 0.023 |
| | 10 µg/mL | 10 | 60.0 (2.7) | 4.0 | 0.023 |
| | 20 µg/mL | 10 | 61.4 (2.7) | 6.5 | 0.023 |
| | 50 µg/mL | 10 | 62.9 (2.7) | 9.1 | 0.023 |
| | 100 µg/mL | 10 | 63.7 (2.7) | 10.5 | 0.023 |
| CAF | 0.01 µM | 9 | 60.8 (2.7) | 5.5 | 0.023 |
| | 0.1 µM | 10 | 60.6 (2.7) | 5.1 | 0.023 |
| | 1 µM | 10 | 61.8 (2.7) | 7.2 | 0.023 |
| | 10 µM | 10 | 61.9 (2.7) | 7.3 | 0.023 |
| | 20 µM | 10 | 61.3 (2.7) | 6.2 | 0.023 |
| | 50 µM | 10 | 61.0 (2.7) | 5.8 | 0.023 |
| | 100 µM | 10 | 59.4 (2.7) | 3.0 | NS |
| TB | 0.01 µM | 9 | 59.9 (2.7) | 3.8 | 0.023 |
| | 0.1 µM | 10 | 60.7 (2.7) | 5.2 | 0.023 |
| | 1 µM | 10 | 60.6 (2.7) | 5.1 | 0.023 |
| | 10 µM | 10 | 59.1 (2.7) | 2.5 | NS |
| | 20 µM | 10 | 59.8 (2.7) | 3.7 | 0.023 |
| | 50 µM | 10 | 60.7 (2.7) | 5.2 | 0.023 |
| | 100 µM | 10 | 58.6 (2.7) | 1.7 | NS |
| 5-CQA | 0.01 µM | 10 | 60.5 (2.7) | 5.0 | 0.023 |
| | 0.1 µM | 9 | 60.3 (2.7) | 4.6 | 0.023 |
| | 1 µM | 9 | 59.8 (2.7) | 3.7 | 0.023 |
| | 10 µM | 9 | 59.7 (2.7) | 3.5 | 0.023 |
| | 20 µM | 9 | 60.1 (2.7) | 4.2 | 0.023 |
| | 50 µM | 9 | 62.0 (2.7) | 7.5 | 0.023 |
| | 100 µM | 9 | 60.6 (2.7) | 5.1 | 0.023 |

SUPPLEMENT - Table 2 continued.

| Compound | Concentration | n | Mean (SEM) | Effect (%Δ) | P |
|-----------|---------------|----|------------|-------------|-------|
| 3,5-DCQA | 0.01 µM | 10 | 59.0 (2.7) | 2.3 | NS |
| | 0.1 µM | 10 | 61.1 (2.7) | 5.9 | 0.023 |
| | 1 µM | 10 | 60.8 (2.7) | 5.4 | 0.023 |
| | 10 µM | 10 | 59.7 (2.7) | 3.4 | 0.023 |
| | 20 µM | 10 | 60.7 (2.7) | 5.3 | 0.023 |
| | 50 µM | 10 | 60.8 (2.7) | 5.5 | 0.023 |
| | 100 µM | 10 | 60.1 (2.7) | 4.2 | 0.023 |
| CA | 0.01 µM | 10 | 60.0 (2.7) | 4.0 | 0.023 |
| | 0.1 µM | 10 | 60.6 (2.7) | 5.1 | 0.023 |
| | 1 µM | 10 | 60.7 (2.7) | 5.2 | 0.023 |
| | 10 µM | 10 | 60.9 (2.7) | 5.6 | 0.023 |
| | 20 µM | 10 | 59.7 (2.7) | 3.6 | 0.023 |
| | 50 µM | 10 | 60.9 (2.7) | 5.6 | 0.023 |
| | 100 µM | 10 | 60.7 (2.7) | 5.3 | 0.023 |
| FA | 0.01 µM | 10 | 59.0 (2.7) | 2.2 | NS |
| | 0.1 µM | 10 | 60.1 (2.7) | 4.2 | 0.023 |
| | 1 µM | 10 | 62.5 (2.7) | 8.3 | 0.023 |
| | 10 µM | 10 | 62.1 (2.7) | 7.6 | 0.023 |
| | 20 µM | 10 | 61.0 (2.7) | 5.8 | 0.023 |
| | 50 µM | 10 | 59.8 (2.7) | 3.6 | 0.023 |
| | 100 µM | 10 | 57.9 (2.7) | 0.4 | NS |
| DHCA | 0.01 µM | 9 | 58.8 (2.7) | 2.0 | NS |
| | 0.1 µM | 10 | 58.2 (2.7) | 1.0 | NS |
| | 1 µM | 10 | 61.6 (2.7) | 6.7 | 0.023 |
| | 10 µM | 10 | 59.6 (2.7) | 3.4 | 0.023 |
| | 20 µM | 10 | 58.9 (2.7) | 2.1 | NS |
| | 50 µM | 10 | 59.9 (2.7) | 3.8 | 0.023 |
| | 100 µM | 10 | 60.1 (2.7) | 4.1 | 0.023 |
| DHFA | 0.01 µM | 10 | 59.0 (2.7) | 2.3 | NS |
| | 0.1 µM | 10 | 60.0 (2.7) | 4.1 | 0.023 |
| | 1 µM | 10 | 60.3 (2.7) | 4.5 | 0.023 |
| | 10 µM | 10 | 59.8 (2.7) | 3.7 | 0.023 |
| | 20 µM | 10 | 60.0 (2.7) | 4.1 | 0.023 |
| | 50 µM | 10 | 61.2 (2.7) | 6.0 | 0.023 |
| | 100 µM | 10 | 58.7 (2.7) | 1.7 | NS |
| Quercetin | 10 µM | 23 | 57.9 (2.6) | 0.4 | NS |
| | 25 µM | 22 | 55.0 (2.6) | -4.7 | 0.023 |

Platelets induced with 10 µM adenosine 5'-diphosphate (ADP) fibrinogen binding as percentage of the total number of platelets [% fibrinogenAF488+/CD61-PE+] are shown as absolute values of adjusted mean with standard error of mean (SEM, n ≥ 9 per compound and concentration) and percentage changes (%Δ) compared with 0.1% DMSO/PBS control (n = 121, 57.7 ± 2.5). 5-CQA, 5-caffeoylequinic acid; 3,5-DCQA, 3,5-dicaffeoylquinic acid; CA, caffeic acid; CAF, caffeine; DHCA, dihydrocaffeic acid; DHFA, dihydroferulic acid; FA, ferulic acid; GCBE, green coffee bean extract; NS, not significant; TB, theobromine; YMPE, yerba mate phenolic extract.