***MS:* “*In vitro* protective effect and antioxidant mechanism of resveratrol on oxidative stress generation induced by Dapsone hydroxylamine in human blood cells”** *by Rosyana V. Albuquerque, Nívea Silva Malcher, Lílian Lund Amado, Michael D. Coleman, Danielle Cardoso dos Santos, Rosivaldo dos Santos Borges, Sebastião Aldo da Silva Valente, Vera da Costa Valente, Marta Chagas Monteiro*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S6 Table ROS** |  |  |  |  |  |  |  |  |  |  | MEAN | SEM |
| METHANOL | 5 | 4.5 | 1.9 | 0.9 | 3.5 | 5.7 | 3.7 | 4.76 | 1.9 |  | 3.54 | 0.548 |
| TBHP | 72.5 | 75.8 | 72.1 | 84.2 | 59.6 | 75.3 | 82.1 | 59.6 | 78.4 |  | 73.289 | 2.911 |
| RSV 100 | 4.2 | 4.8 | 4.1 | 5 | 3.8 | 4.8 | 5.2 | 2.9 | 5.5 |  | 4.478 | 0.269 |
| RSV 1000 | 2.4 | 1.7 | 1.9 | 0.9 | 3.5 | 1.8 | 3.5 | 1.8 | 1.3 |  | 2.089 | 0.30 |
| DDS 2,5 | 20.4 | 27.4 | 19.2 | 21.7 | 17.4 | 24.3 | 30.1 | 15.7 | 18.1 |  | 21.589 | 1.603 |
| RSV 100 +DDS 2,5 | 0.8 | 0.6 | 1.9 | 1 | 0.7 | 1.1 | 1.12 | 0.9 | 0.97 |  | 1.01 | 0.126 |
| RSV 1000 +DDS 2,5 | 0.2 | 0.1 | 1 | 0.7 | 1 | 1.5 | 0.6 | 1.7 | 0.2 |  | 0.778 | 0.191 |
| DDS 7,5 | 85.1 | 83.7 | 69.7 | 55.5 | 84 | 81.7 | 53.9 | 91 | 82 |  | 76.289 | 4.483 |
| DDS7,5 RSV 100 | 81.2 | 77.1 | 79.6 | 77.8 | 76.6 | 85.1 | 80 | 79 | 75.5 |  | 79.55 | 0.962 |
| DDS 7,5 + RSV 1000 | 69.5 | 43.7 | 67 | 41.9 | 68.8 | 63.5 | 52.1 | 41.3 | 63 |  | 56.756 | 3.994 |

**S6 Table. Data of the Reactive oxygen species (ROS) generation.** Erythrocytes were pretreated with resveratrol (RSV, 100 µM and 1000 µM) for 1 h at 37 °C and incubated for 30 min with DDS-NHOH (2.5 µg/ml and 7.5 µg/ml). As positive control was used T-BHP (200 µM). ROS production was measured as dichlorofluorescein (DCF) fluorescence.