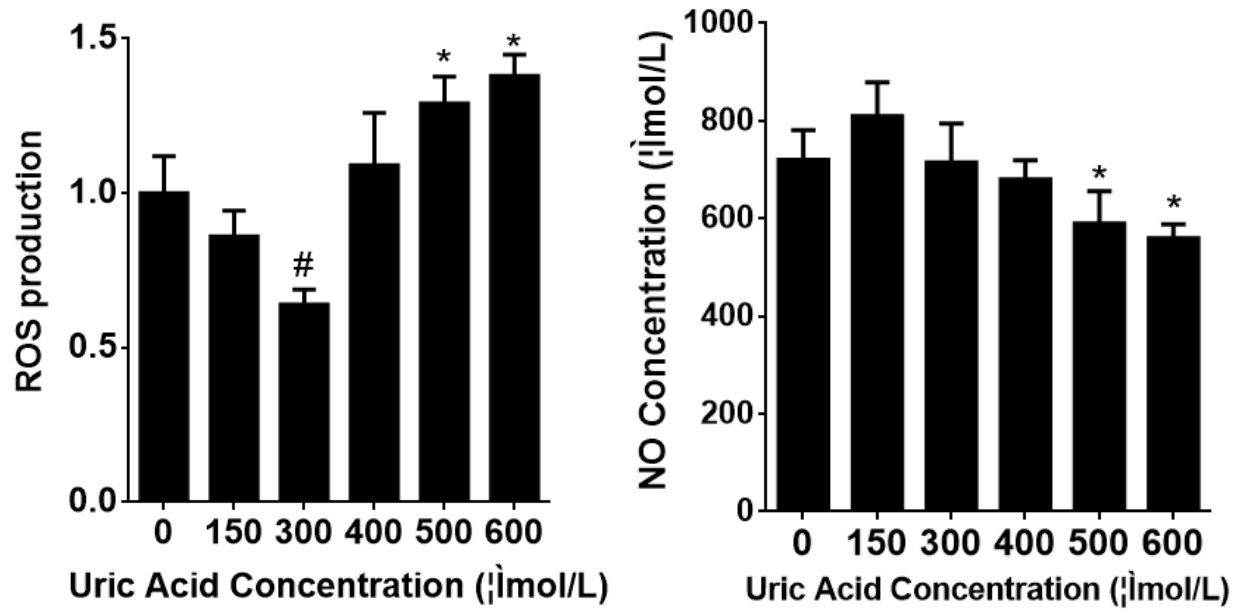


Additional file 1: ROS and NO production induced by uric acid



ROS production and NO concentration of HUVEC-c cell when cultured with different uric acid concentration (0, 150, 300, 400, 500 and 600 $\mu\text{mol/L}$). At the point of 500 $\mu\text{mol/L}$ uric acid, ROS production had a significantly elevation when compared with control (0 $\mu\text{mol/L}$), #,* $p<0.05$, and the NO concentration decreased significantly as well, * $P<0.05$.