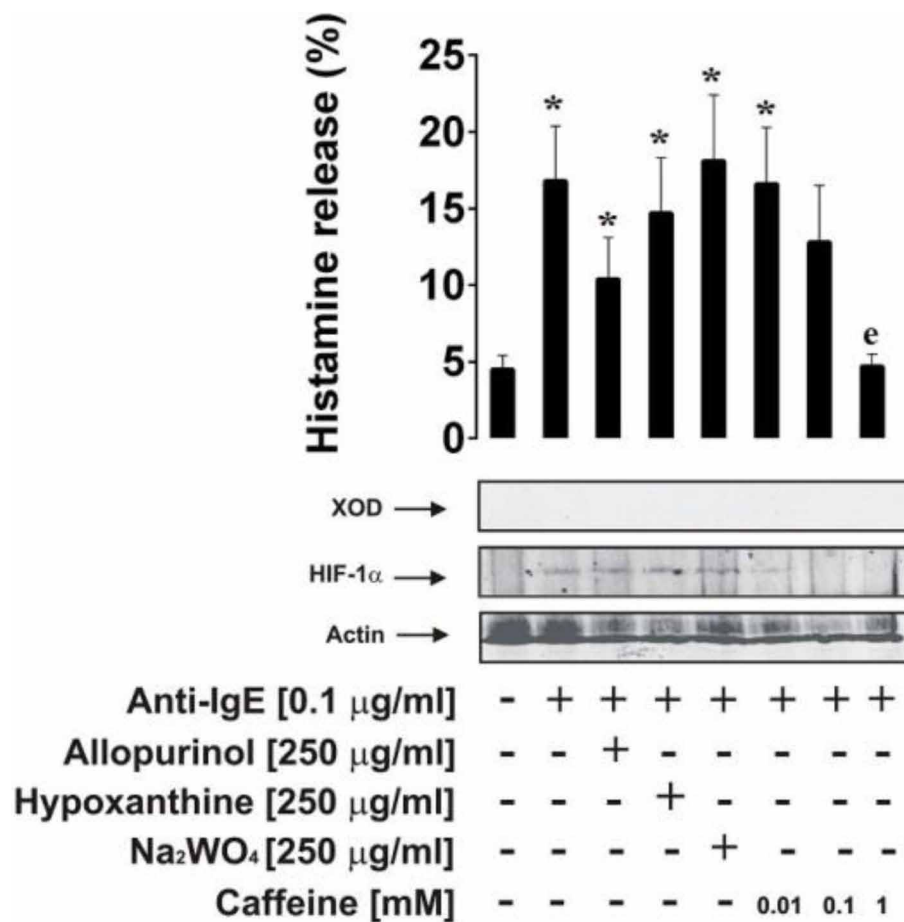
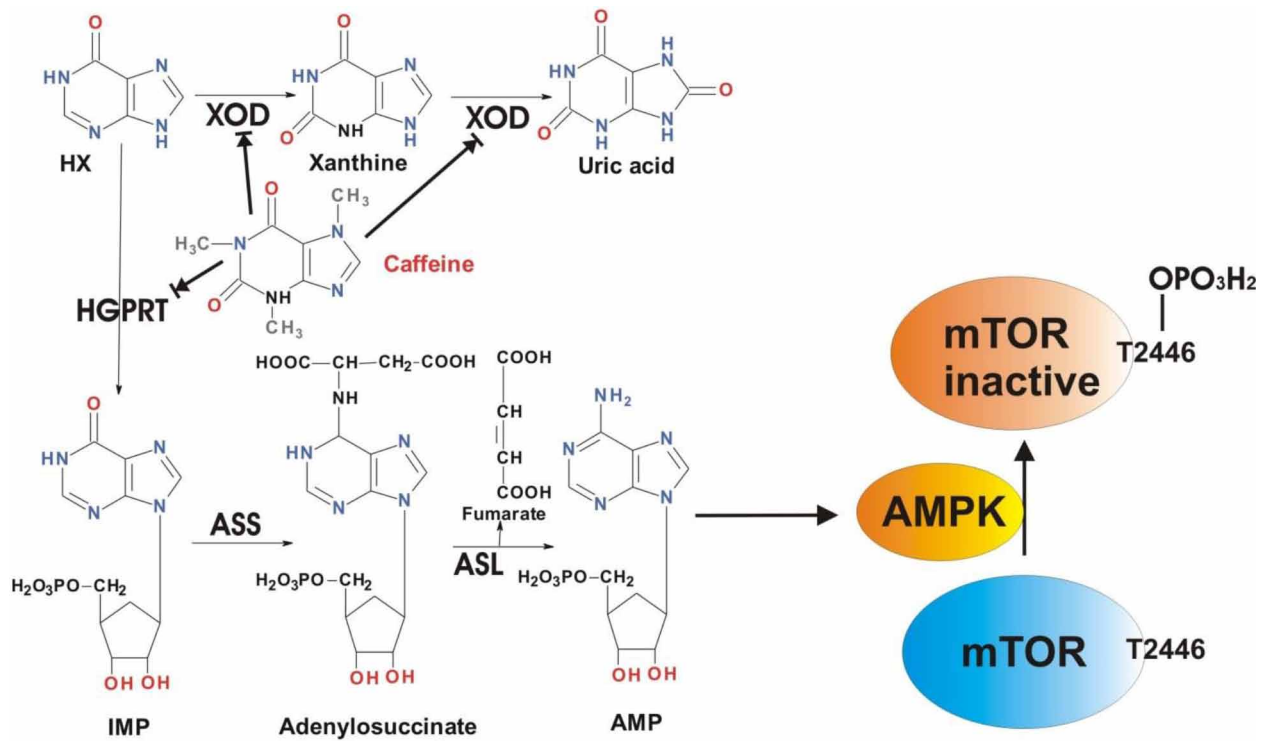


SUPPLEMENTARY FIGURES



Supplementary Figure S1: Effects of allopurinol, hypoxanthine, sodium tungstate and caffeine on anti-IgE-induced histamine release and HIF-1 α accumulation in primary human basophils. Basophils were exposed for 2 h to 0.1 μ g/ml anti-IgE with or without 30 min pre-treatment with indicated concentrations of inhibitors or hypoxanthine. Western blot data show one representative experiment of three that gave similar results. Quantitative data are shown as means \pm S.D ; * $-p < 0.01$ vs. control ($n = 3$), e $-p < 0.01$ vs. anti-IgE alone.



Supplementary Figure S2: Possible biochemical mechanisms of the actions of caffeine on hypoxanthine degradation and re-use. Additional abbreviations used: ASS – adenylosuccinate synthase; ASL – adenylosuccinate lyase.