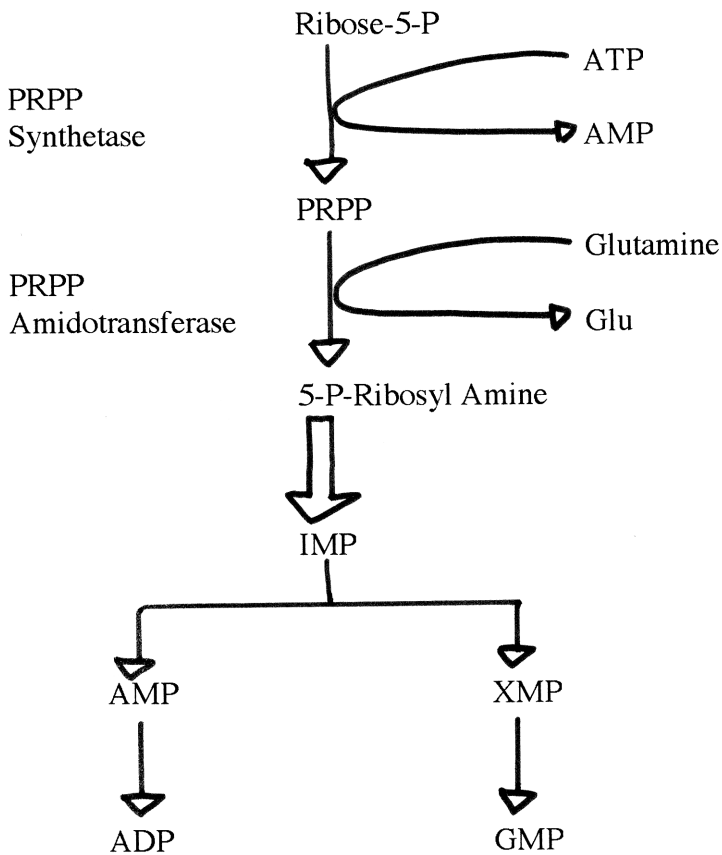
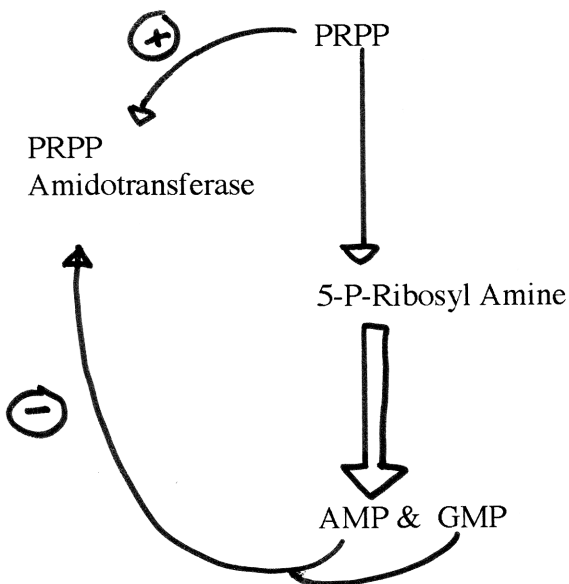


Purine Metabolism: A and G

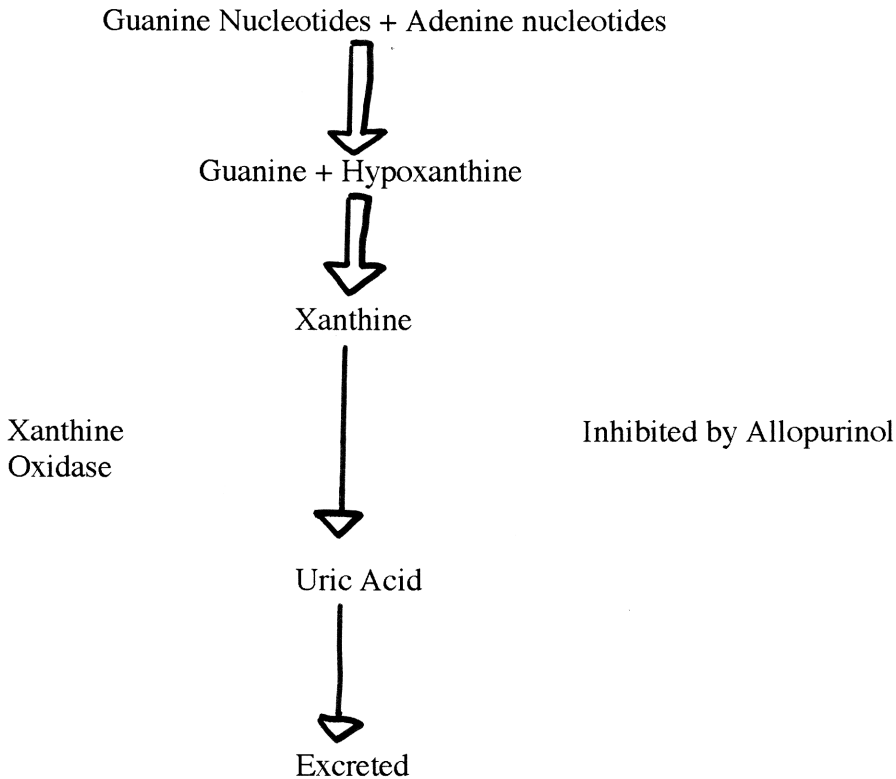
Synthesis



Regulation

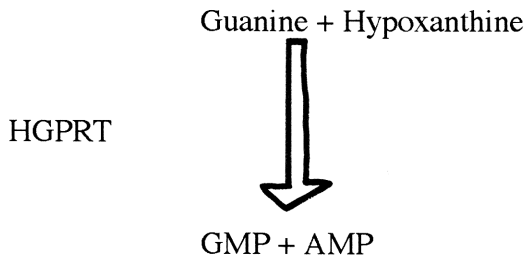


Degradation



Note: A build-up of Uric Acid leads to Gout, causes are decreased excretion by the kidneys or decreased activity of HGPRT (See below)

Salvage



Note: Decreased activity of HGPRT leads to a build-up of Uric Acid, complete absence of HGPRT leads to Lesch-Nyhan