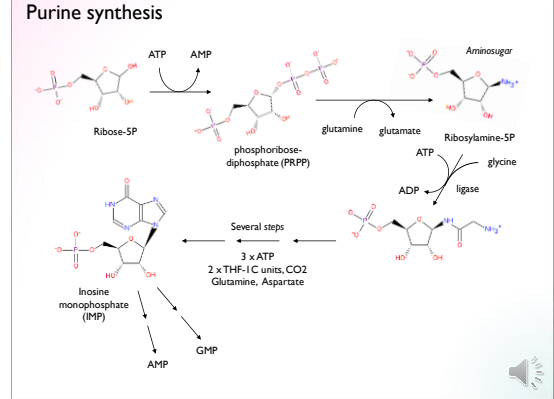
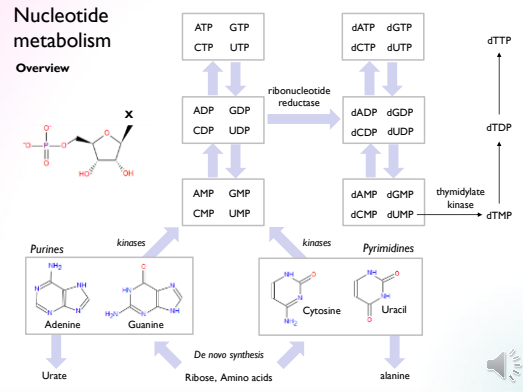


Course 2851 Principles of Metabolism
Metabolism and endocrinology programme, Karolinska Institutet

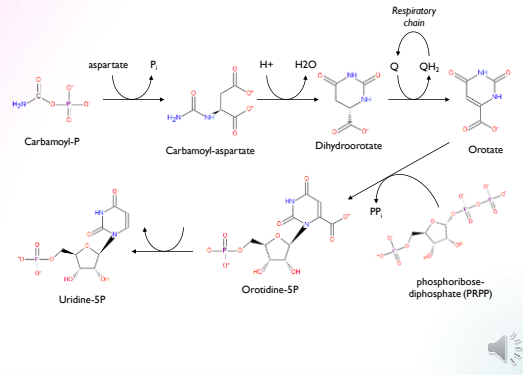
Lecture 15
Nucleotides

Roland Nilsson, Ph.D

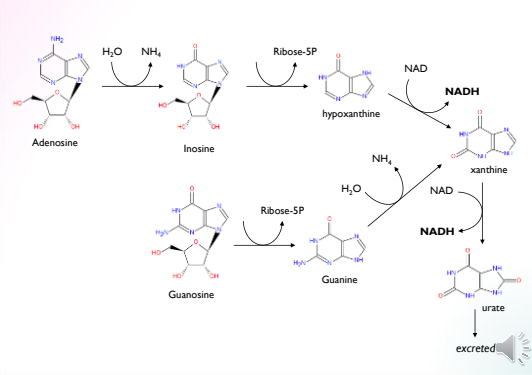
Department of Medicine, Solna
Center for Molecular Medicine
Karolinska Institutet



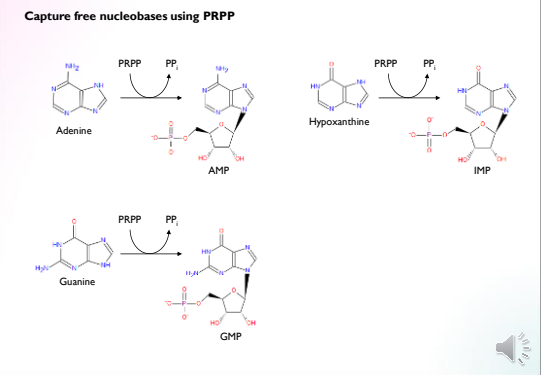
Pyrimidine biosynthesis



Purine degradation

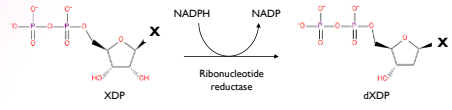


Purine salvage

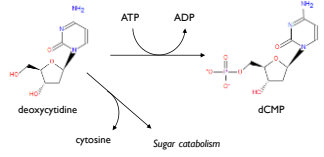


Deoxynucleotides

Ribonucleotide reductase



Salvage and degradation



cytosine → Sugar catabolism



- _____
- _____
- _____
- _____
- _____
- _____
- _____