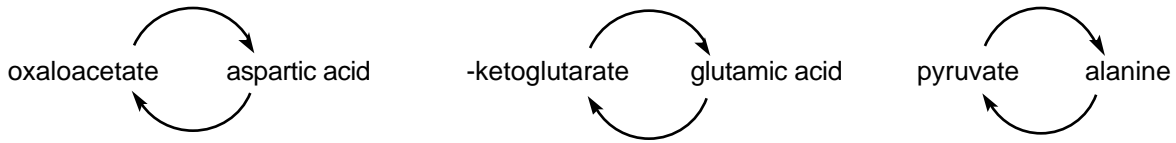
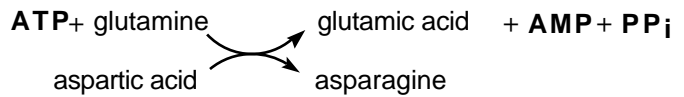
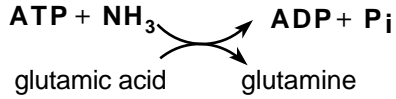


BIOSYNTHESIS OF NONESSENTIAL AMINO ACIDS

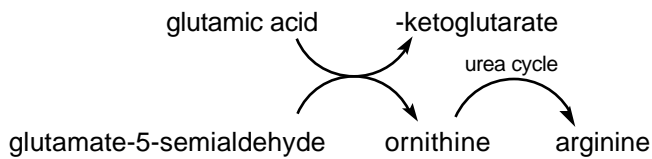
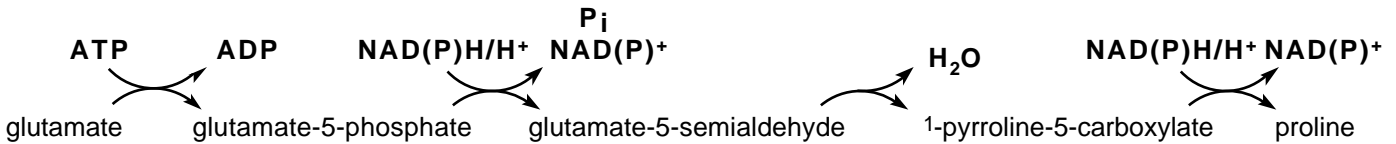
AMINOTRANSFERASE FROM MAJOR PATHWAY INTERMEDIATES



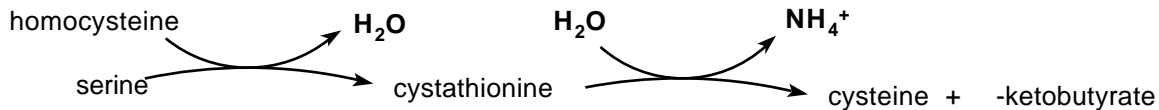
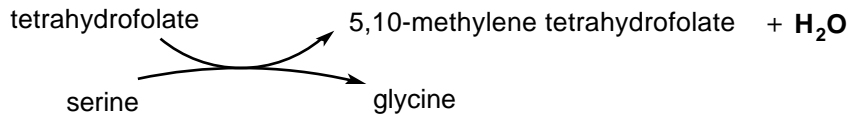
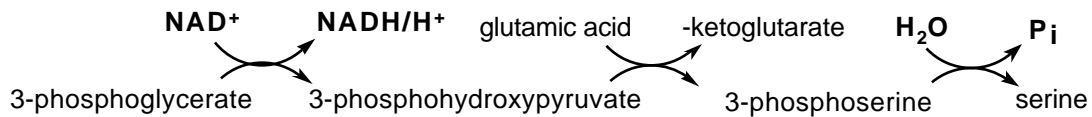
AMIDATIONS



-KETOGLUTARATE FAMILY



3-PHOSPHOGLYCERATE FAMILY



TYROSINE

