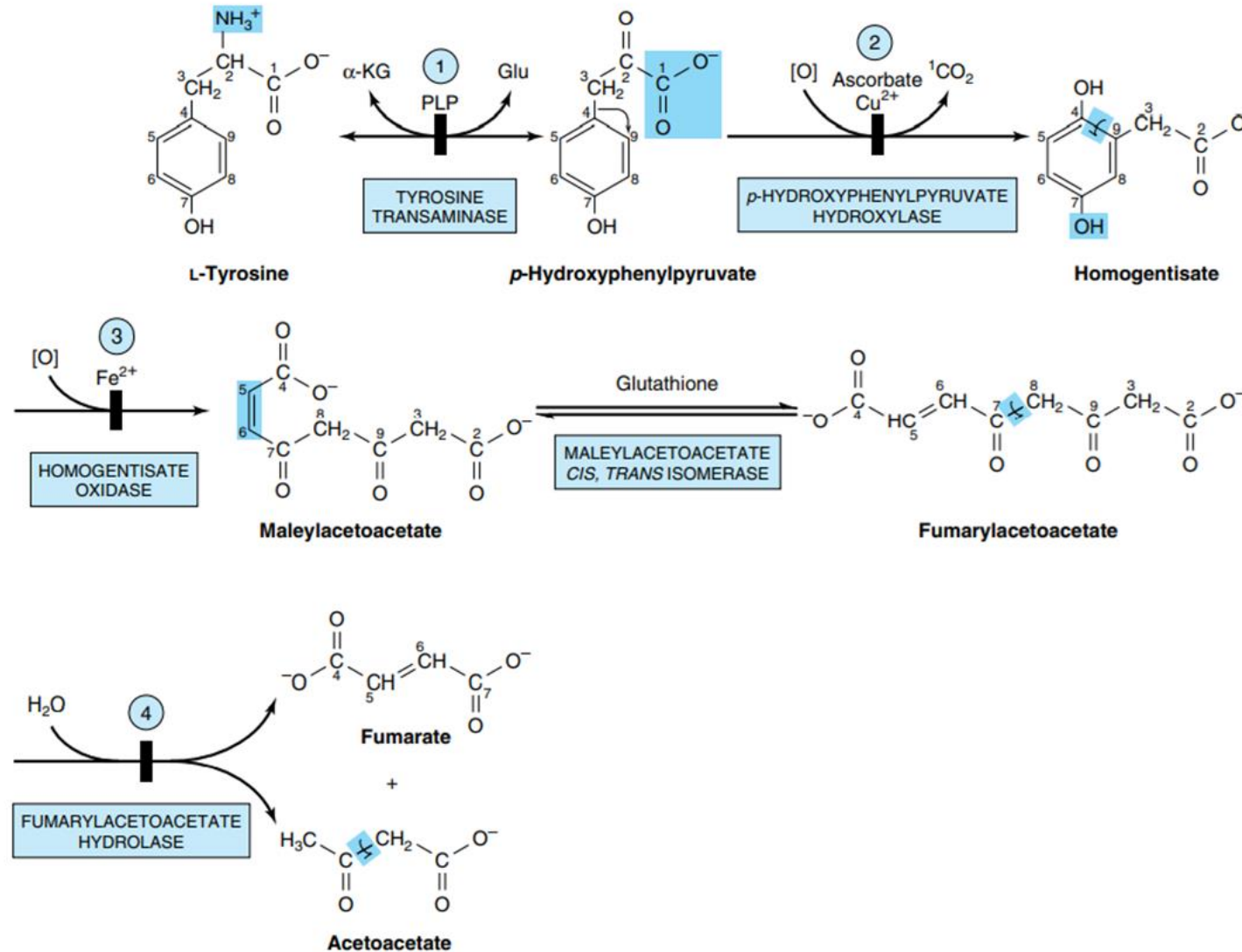


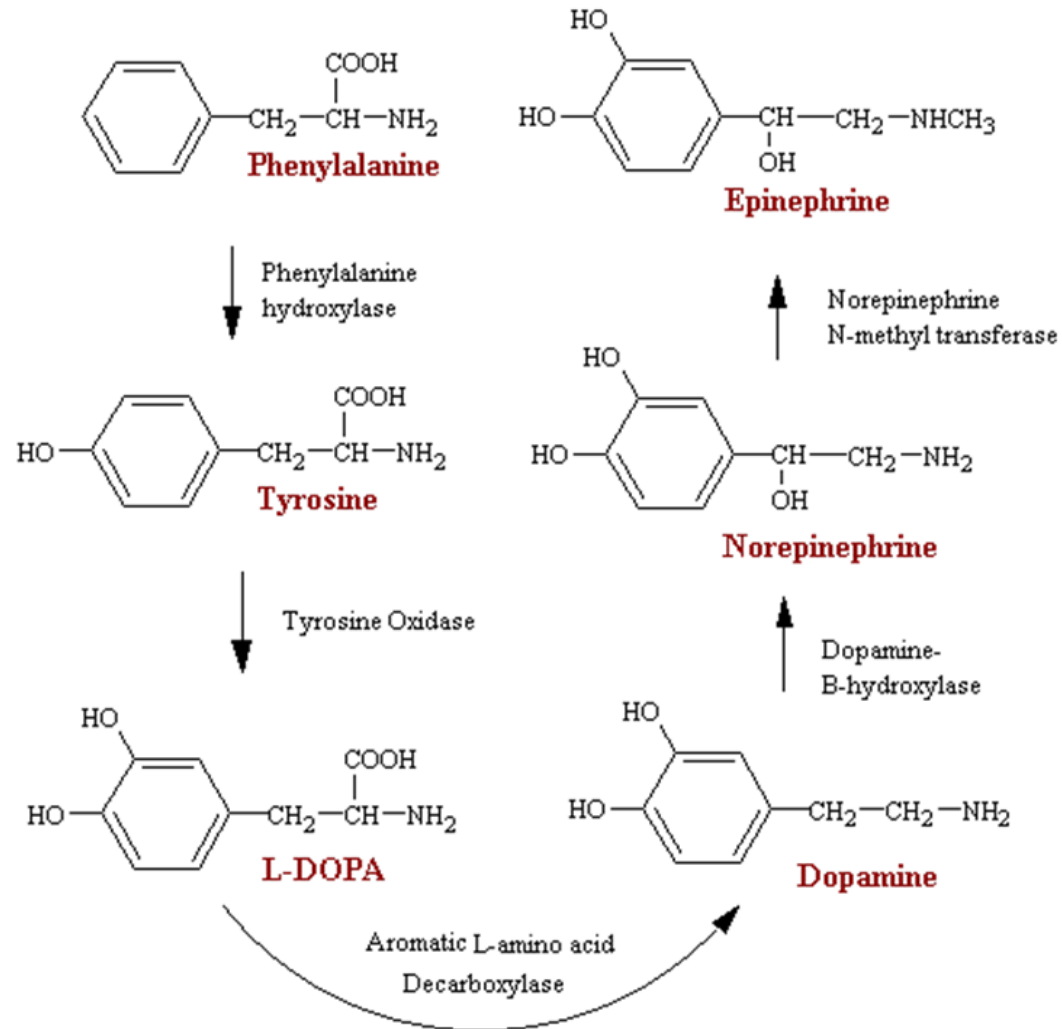
Phenylalanine and tyrosine metabolic pathways

1) Fumarate and acetoacetate production



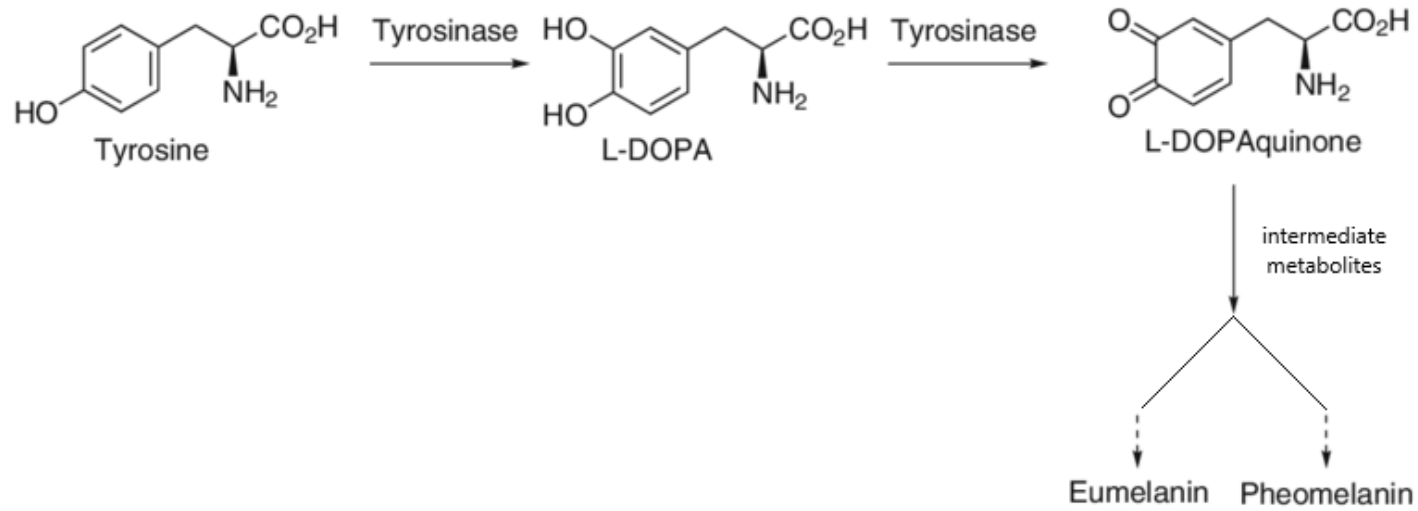
Phenylalanine and tyrosine metabolic pathways

3) Adrenal medulla hormones synthesis

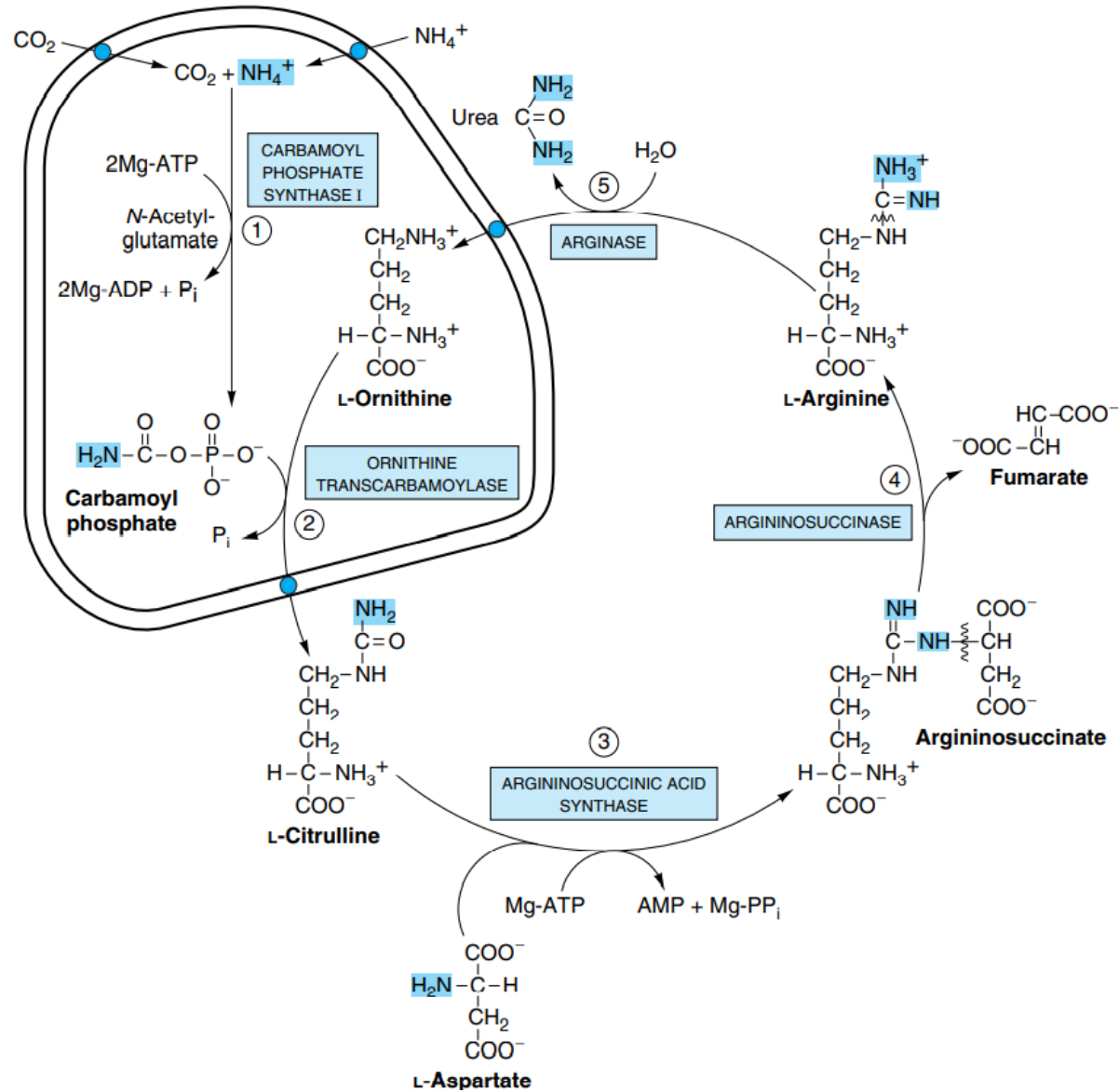


Phenylalanine and tyrosine metabolic pathways

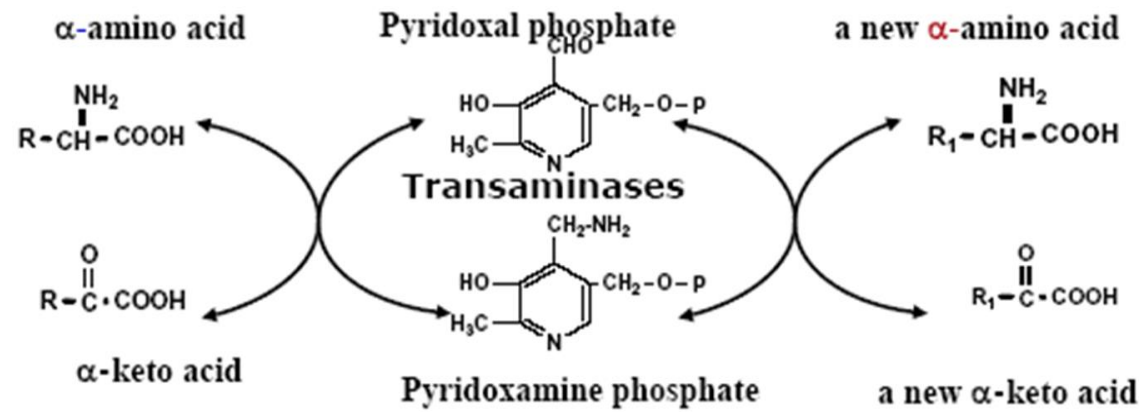
4) Simplified scheme of melanin production



Urea cycle



Transamination



Uric acid synthesis

