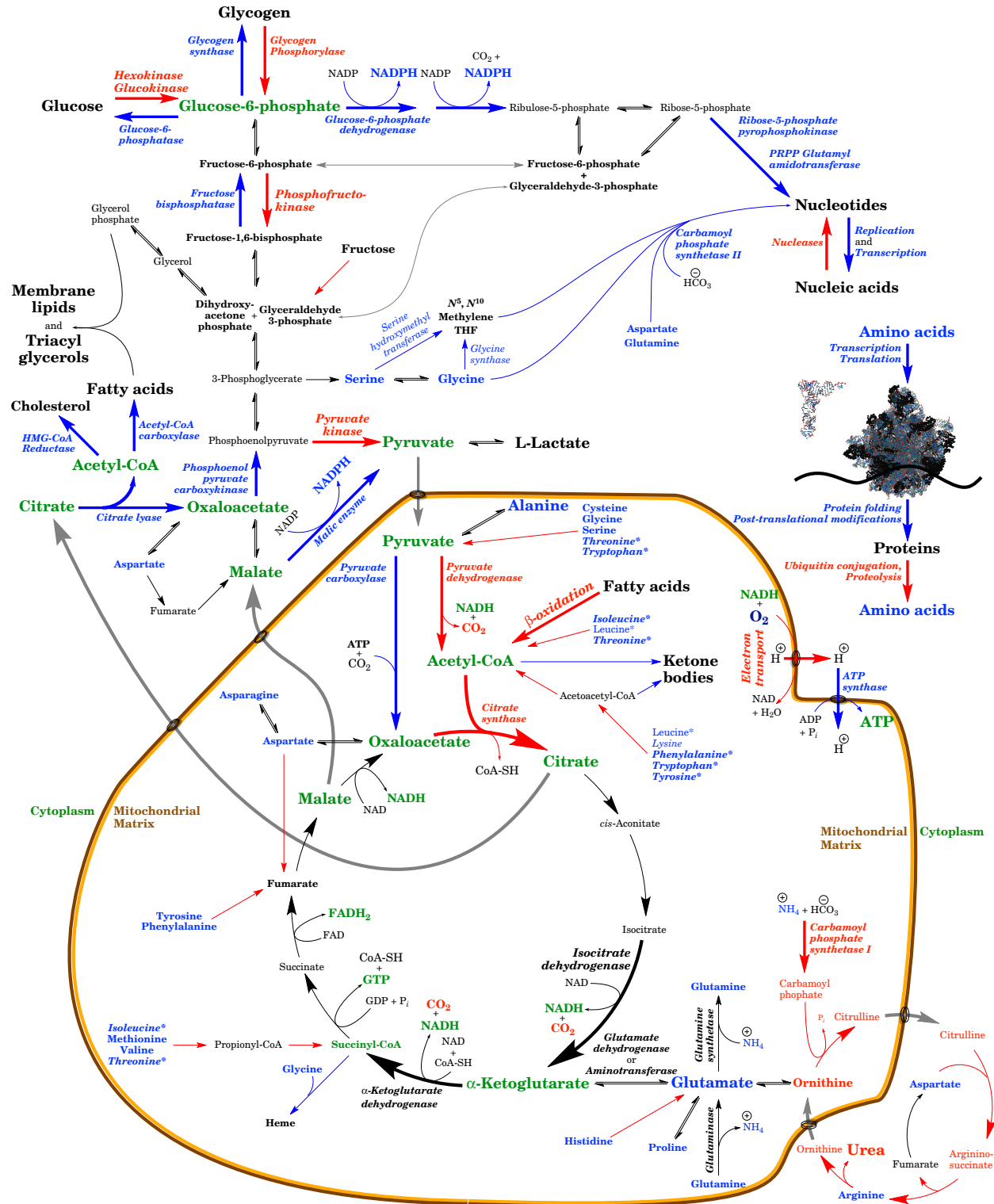


# Major Metabolic Pathways



Notes: Only regulatory enzymes are shown.  
**Red enzyme name and arrow** = predominantly catabolic process  
**Blue enzyme name and arrow** = predominantly anabolic process  
**Green compound name** = branch-point compound  
**Blue compound name** = amino acid or ammonium