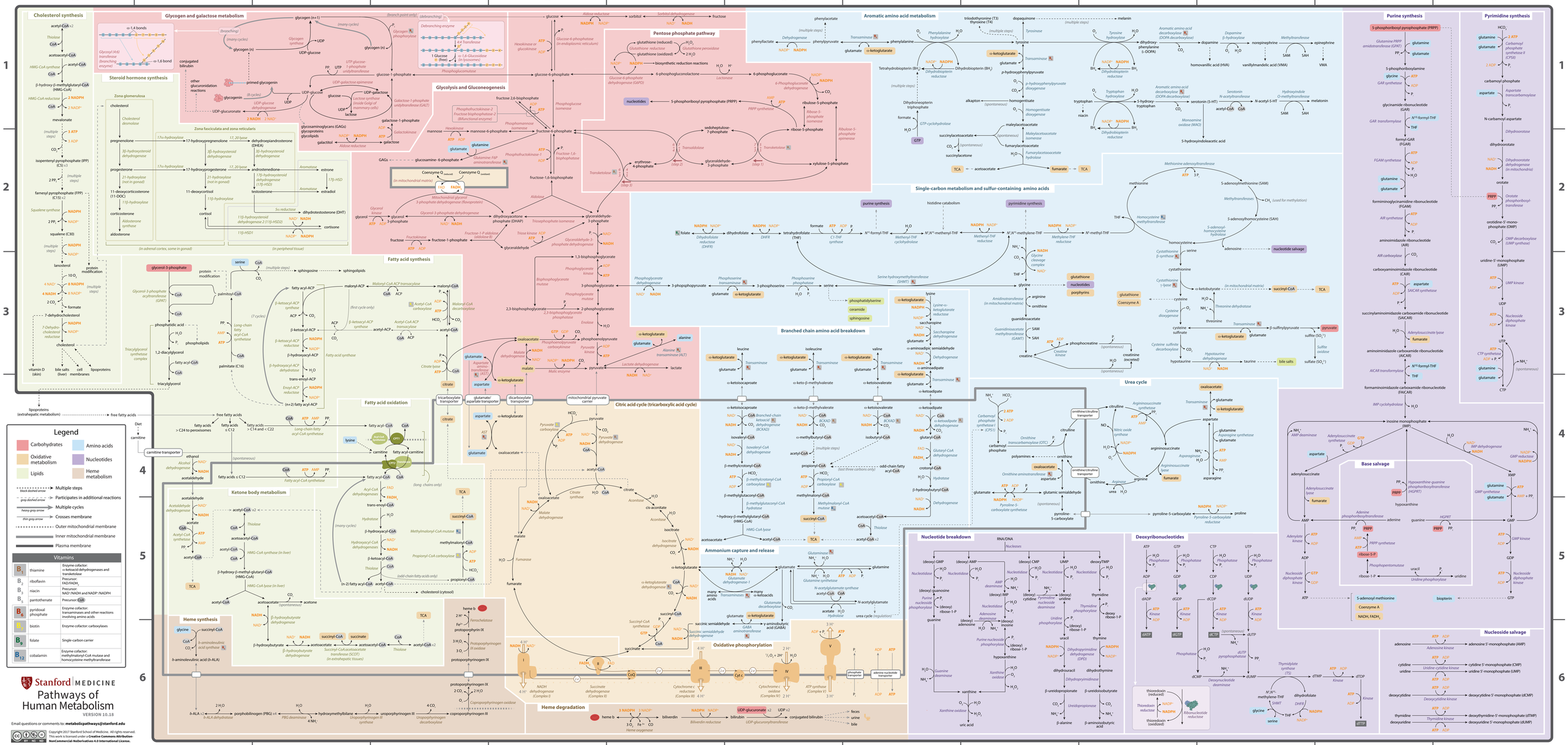
Cholesterol synthesis
Glycogen and galactose metabolism
Steroid hormone synthesis
Zona glomerulosa
Zona fasciculata and zona reticularis
Glycolysis and Gluconeogenesis
Pentose phosphate pathway
Aromatic amino acid metabolism
Single-carbon metabolism and sulfur-containing amino acids
Fatty acid synthesis
Fatty acid oxidation
Ketone body metabolism
Branched chain amino acid breakdown
Citric acid cycle (tricarboxylic acid cycle)
Ammonium capture and release
Oxidative phosphorylation
Heme synthesis
Heme degradation
Urea cycle
Nucleotide breakdown
Deoxyribonucleotides
Purine synthesis
Pyrimidine synthesis
Base salvage
Nucleoside salvage
Legend
Carbohydrates
Amino acids
Oxidative metabolism
Nucleotides
Lipids
Heme metabolism
Multiple steps
Participates in additional reactions
Multiple cycles
Crosses membrane
Outer mitochondrial membrane
Inner mitochondrial membrane
Plasma membrane
Vitamins
B1 thiamine
B2 riboflavin
B3 niacin
B5 pantothenate
B6 pyridoxal phosphate
B7 biotin
B9 folate
B12 cobalamin
Stanford MEDICINE
Pathways of Human Metabolism
VERSION 10.18
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