

**G6P:** glucose-6-phosphate

**BCAA:** branched-chain amino acids

**S-CoA:** succinyl coenzyme A

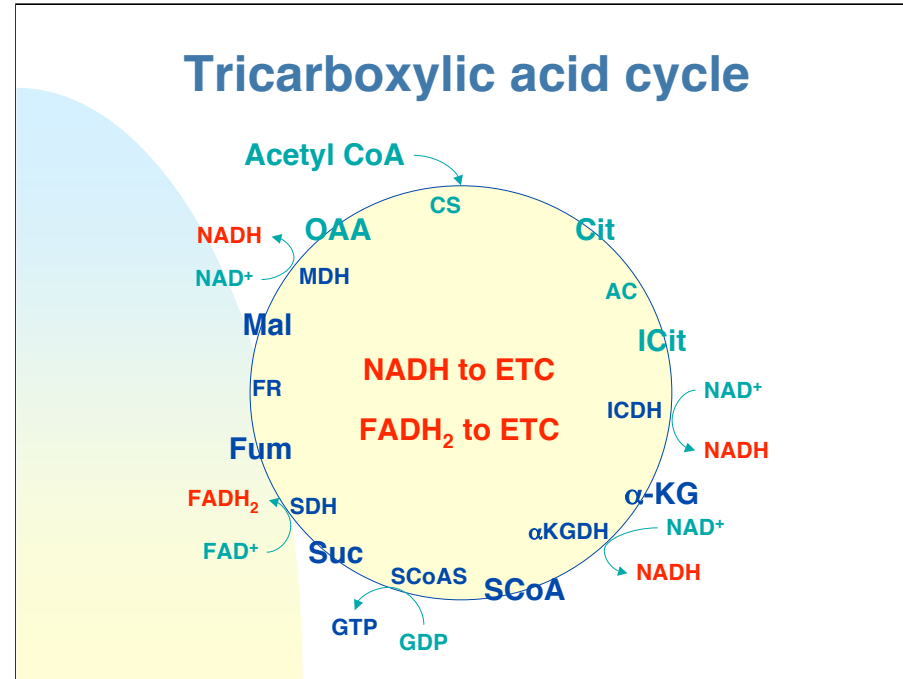
**Acetyl-CoA:** acetyl coenzyme A

**Ile:** isoleucine

**ATP:** adenosine triphosphate

**Val:** valine

**TCA:** tricarboxylic acid



**Acetyl-CoA:** acetyl coenzyme A

**Cit:** citrate

**NAD<sup>+</sup>/NADH:** nicotinamide adenine dinucleotide

**ICDH:** isocitrate dehydrogenase

**αKGDH:** α-ketoglutarate dehydrogenase

**SCoAS:** succinyl coenzyme A synthetase

**GTP:** guanosine triphosphate

**FAD<sup>+</sup>/FADH<sub>2</sub>:** flavin adenine dinucleotide

**FR:** fumarase

**OAA:** oxaloacetate

**AC:** aconitase

**αKG:** α-ketoglutarate

**Suc:** succinate

**Mal:** malate

**CS:** citrate synthase

**Icit:** isocitrate

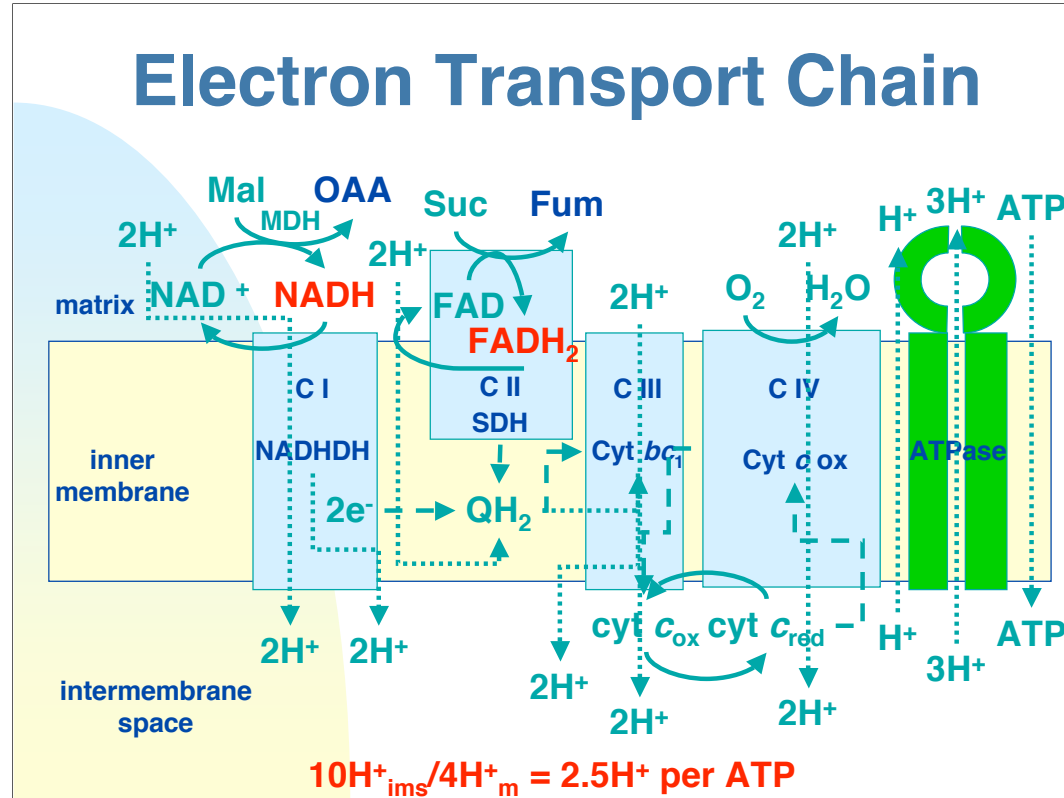
**SCoA:** succinyl coenzyme A

**GDP:** guanosine diphosphate

**SDH:** succinate dehydrogenase

**Fum:** fumarate

**MDH:** malate dehydrogenase



**C I:** complex I

**C IV:** complex IV

**Cyt *bc*<sub>1</sub>:** cytochrome *bc*<sub>1</sub> complex

**Mal:** malate

**OAA:** oxaloacetate

**Fum:** fumarate

**ATPase:** ATP synthetase

**C II:** complex II

**NADHDH:** NADH dehydrogenase

**MDH:** malate dehydrogenase

**Suc:** succinate

**QH<sub>2</sub>:** ubiquinone

**ATP:** adenosine triphosphate

**C III:** complex III

**SDH:** succinate dehydrogenase

**Cyt *c* ox:** cytochrome *c* oxidase

**NAD<sup>+</sup>/NADH:** nicotinamide adenine dinucleotide

**FAD/FADH<sub>2</sub>:** flavin adenine dinucleotide

**Cyt *c*:** cytochrome *c* (oxidized or reduced)