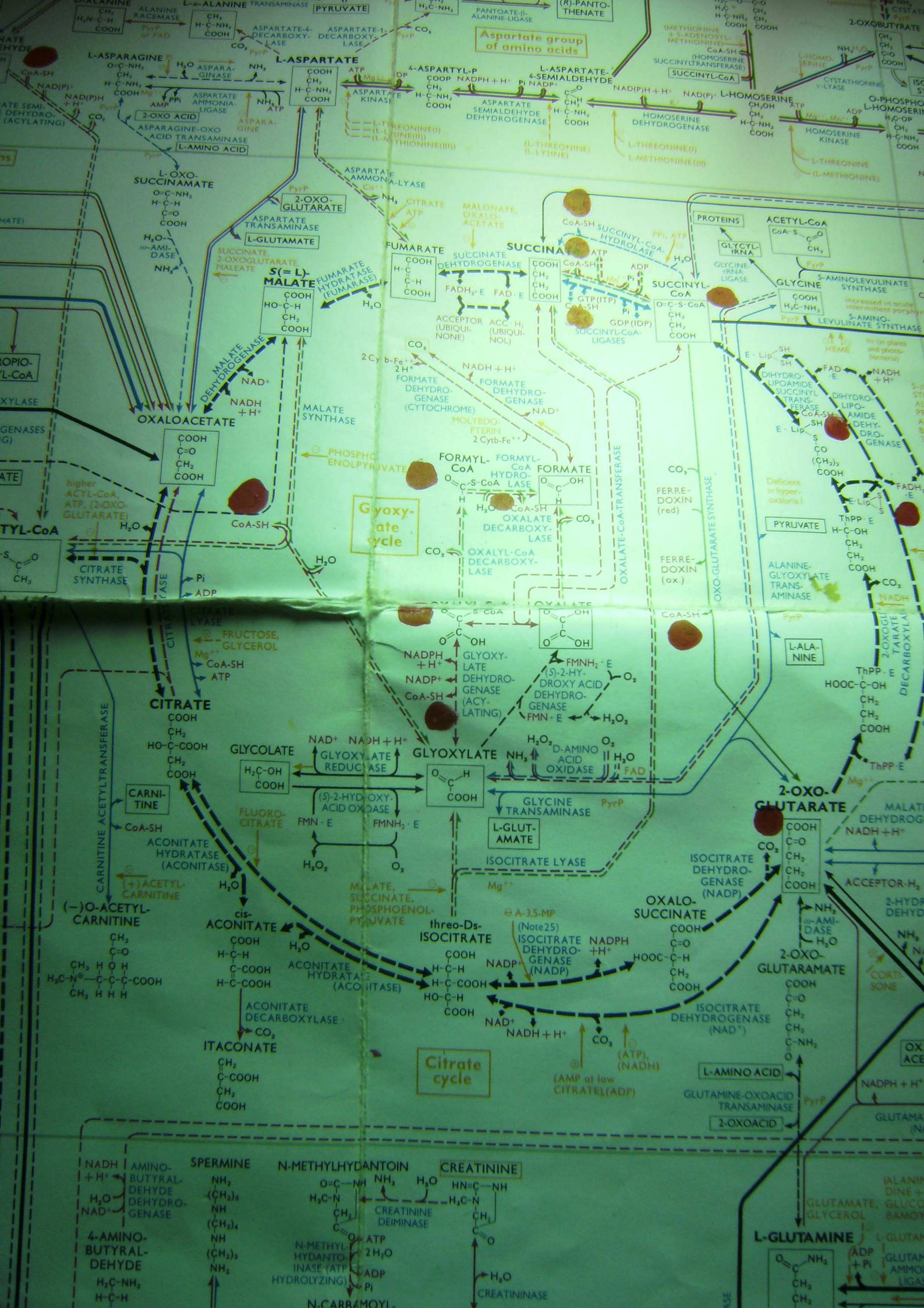
Aspartate group of amino acids
L-ASPARAGINE
L-ASPARTATE
L-α-ALANINE
PYRUVATE
L-OXO-SUCCINAMATE
2-OXO-GLUTARATE
L-GLUTAMATE
L-AMINO ACID
2-OXO ACID
FUMARATE
S(=L)-MALATE
OXALOACETATE
SUCCINATE
SUCCINYL-CoA
4-ASPARTYL-P
L-ASPARTATE-4-SEMIALDEHYDE
L-HOMOSERINE
O-PHOSPHO-L-HOMOSERINE
L-THREONINE
(L-METHIONINE)
SUCCINYL-CoA
PROTEINS
ACETYL-CoA
GLYCYL-tRNA
GLYCINE
5-AMINOLEVULINATE SYNTHASE
5-AMINO-LEVULINATE SYNTHASE
DIHYDRO-LIPOAMIDE SUCCINYL TRANSFERASE
DIHYDRO-LIPOAMIDE DEHYDROGENASE
PYRUVATE
ALANINE-GLYOXYLATE TRANSAMINASE
L-ALANINE
FORMYL-CoA
FORMATE
FORMYL-CoA HYDROLASE
OXALATE DECARBOXYLASE
OXALYL-CoA DECARBOXYLASE
OXALATE-CoA-TRANSFERASE
FERREDOXIN (red)
FERREDOXIN (ox.)
OXO-GLUTARATE SYNTHASE
Glyoxylate cycle
GLYOXYLATE
GLYCOLATE
GLYCOLATE OXIDASE
GLYOXYLATE REDUCTASE
GLYCINE TRANSAMINASE
L-GLUTAMATE
D-AMINO ACID OXIDASE
(S)-2-HYDROXY ACID DEHYDROGENASE (ACYLATING)
(S)-2-HYDROXY ACID OXIDASE
CITRATE
CITRATE SYNTHASE
CITRATE LYASE
ISOCITRATE LYASE
ACONITATE HYDRATASE (ACONITASE)
cis-ACONITATE
threo-Ds-ISOCITRATE
ISOCITRATE DEHYDROGENASE (NADP)
OXALOSUCCINATE
2-OXOGLUTARATE
2-OXOGLUTARAMATE
L-GLUTAMINE
GLUTAMINE-OXOACID TRANSAMINASE
2-OXOACID
ITACONATE
ACONITATE DECARBOXYLASE
CARNITINE
(−)O-ACETYLCARNITINE
CARNITINE ACETYLTRANSFERASE
FLUOROCITRATE
Citrate cycle
(AMP at low CITRATE) (ADP)
(ATP), (NADH)
SPERMINE
N-METHYLHYDANTOIN
CREATININE
CREATININE DEIMINASE
N-METHYLHYDANTOINASE (ATP HYDROLYZING)
CREATININASE
AMINOBUTYRALDEHYDE DEHYDROGENASE
4-AMINOBUTYRALDEHYDE
MALATE DEHYDROGENASE
MALATE SYNTHASE
FUMARATE HYDRATASE (FUMARASE)
SUCCINATE DEHYDROGENASE
SUCCINYL-CoA HYDROLASE
SUCCINYL-CoA LIGASES
FORMATE DEHYDROGENASE (CYTOCHROME)
MOLYBDOPTERIN
PHOSPHOENOLPYRUVATE
HOMOSERINE DEHYDROGENASE
HOMOSERINE KINASE
ASPARTATE KINASE
ASPARTATE SEMIALDEHYDE DEHYDROGENASE
ASPARAGINE-OXO ACID TRANSAMINASE
ASPARTATE AMMONIA-LYASE
ASPARTATE TRANSAMINASE
ASPARAGINASE
ASPARTATE-4-DECARBOXYLASE
ASPARTATE-1-DECARBOXYLASE
ALANINE RACEMASE
PANTOATE-β-ALANINE-LIGASE
(R)-PANTOTHENATE
2-OXOBUTYRATE
CYSTATHIONINE γ-LYASE
HEME
FRUCTOSE, GLYCEROL
GLUTAMATE, GLYCEROL
Deficient in hyperoxaluria I
higher ACYL-CoA, ATP, (2-OXOGLUTARATE)