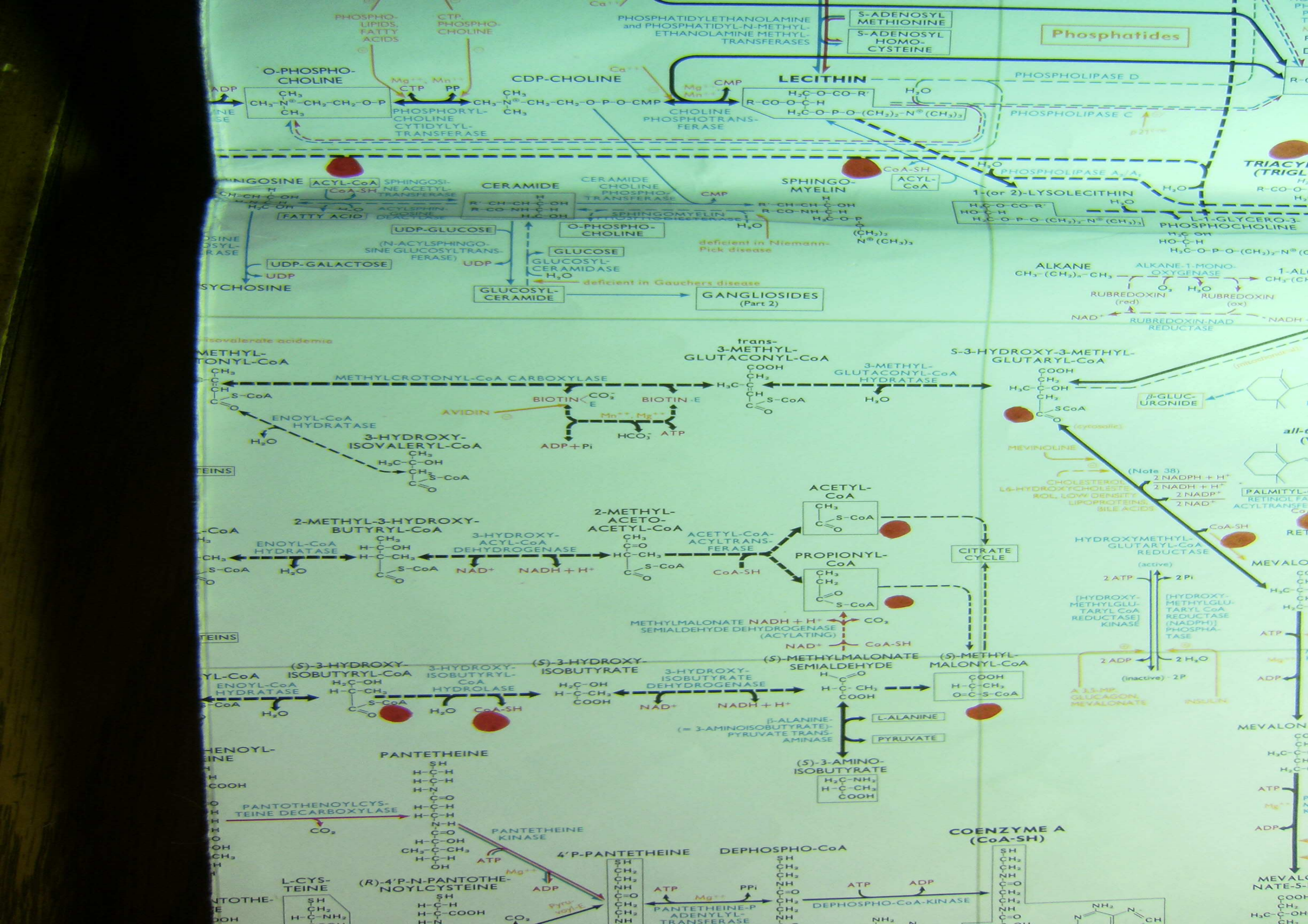
PHOSPHO-LIPIDS, FATTY ACIDS
CTP PHOSPHO-CHOLINE
PHOSPHATIDYLETHANOLAMINE and PHOSPHATIDYL-N-METHYL-ETHANOLAMINE METHYL-TRANSFERASES
S-ADENOSYL METHIONINE
S-ADENOSYL HOMO-CYSTEINE
Phosphatides
O-PHOSPHO-CHOLINE
CDP-CHOLINE
LECITHIN
PHOSPHOLIPASE D
PHOSPHORYL-CHOLINE CYTIDYLYL-TRANSFERASE
CHOLINE PHOSPHOTRANS-FERASE
PHOSPHOLIPASE C
PHOSPHOLIPASE A2/A1
1-(or 2)-LYSOLECITHIN
L-1-GLYCERO-3-PHOSPHOCHOLINE
SPHINGOSINE
ACYL-CoA
CERAMIDE
CERAMIDE CHOLINE PHOSPHO-TRANSFERASE
SPHINGO-MYELIN
FATTY ACID
UDP-GLUCOSE
O-PHOSPHO-CHOLINE
deficient in Niemann-Pick disease
UDP-GALACTOSE
GLUCOSE
GLUCOSYL-CERAMIDASE
deficient in Gauchers disease
GLUCOSYL-CERAMIDE
GANGLIOSIDES (Part 2)
ALKANE
ALKANE-1-MONO-OXYGENASE
RUBREDOXIN (red)
RUBREDOXIN (ox)
RUBREDOXIN-NAD REDUCTASE
trans-3-METHYL-GLUTACONYL-CoA
3-METHYL-GLUTACONYL-CoA HYDRATASE
S-3-HYDROXY-3-METHYL-GLUTARYL-CoA
METHYLCROTONYL-CoA CARBOXYLASE
AVIDIN
BIOTIN
ENOYL-CoA HYDRATASE
3-HYDROXY-ISOVALERYL-CoA
β-GLUC-URONIDE
MEVINOLINE
CHOLESTEROL
LOW DENSITY LIPOPROTEINS
BILE ACIDS
(Note 38)
2-METHYL-3-HYDROXY-BUTYRYL-CoA
3-HYDROXY-ACYL-CoA DEHYDROGENASE
2-METHYL-ACETO-ACETYL-CoA
ACETYL-CoA-ACYLTRANS-FERASE
ACETYL-CoA
PROPIONYL-CoA
CITRATE CYCLE
HYDROXYMETHYL-GLUTARYL-CoA REDUCTASE
(active)
(inactive)
[HYDROXY-METHYLGLU-TARYL CoA REDUCTASE] KINASE
[HYDROXY-METHYLGLU-TARYL CoA REDUCTASE (NADPH)] PHOSPHA-TASE
METHYLMALONATE SEMIALDEHYDE DEHYDROGENASE (ACYLATING)
(S)-METHYL-MALONYL-CoA
(S)-METHYLMALONATE SEMIALDEHYDE
(S)-3-HYDROXY-ISOBUTYRYL-CoA
3-HYDROXY-ISOBUTYRYL-CoA HYDROLASE
(S)-3-HYDROXY-ISOBUTYRATE
3-HYDROXY-ISOBUTYRATE DEHYDROGENASE
β-ALANINE-(= 3-AMINOISOBUTYRATE)-PYRUVATE TRANS-AMINASE
L-ALANINE
PYRUVATE
(S)-3-AMINO-ISOBUTYRATE
PANTETHEINE
PANTOTHENOYLCYS-TEINE DECARBOXYLASE
PANTETHEINE KINASE
4'P-PANTETHEINE
DEPHOSPHO-CoA
COENZYME A (CoA-SH)
PANTETHEINE-P ADENYLYL-TRANSFERASE
DEPHOSPHO-CoA-KINASE
(R)-4'P-N-PANTOTHE-NOYLCYSTEINE
L-CYS-TEINE