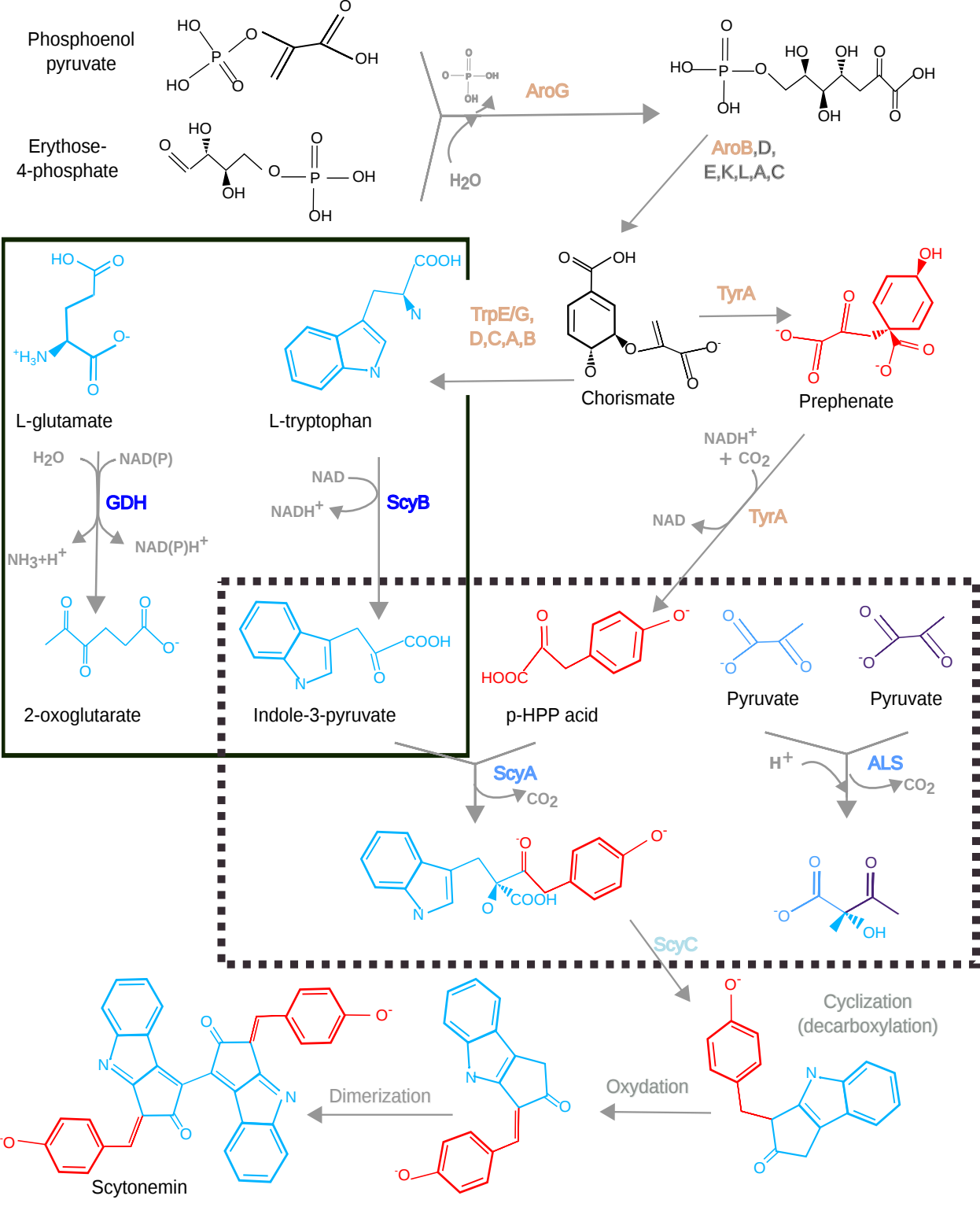
Phosphoenol pyruvate
Erythose-4-phosphate
AroG
H2O
AroB,D, E,K,L,A,C
Chorismate
TrpE/G, D,C,A,B
TyrA
Prephenate
L-glutamate
L-tryptophan
H2O
NAD(P)
GDH
NH3+H+
NAD(P)H+
NAD
NADH+
ScyB
NADH+ + CO2
NAD
TyrA
2-oxoglutarate
Indole-3-pyruvate
p-HPP acid
Pyruvate
Pyruvate
ScyA
CO2
H+
ALS
CO2
ScyC
Cyclization (decarboxylation)
Oxydation
Dimerization
Scytonemin