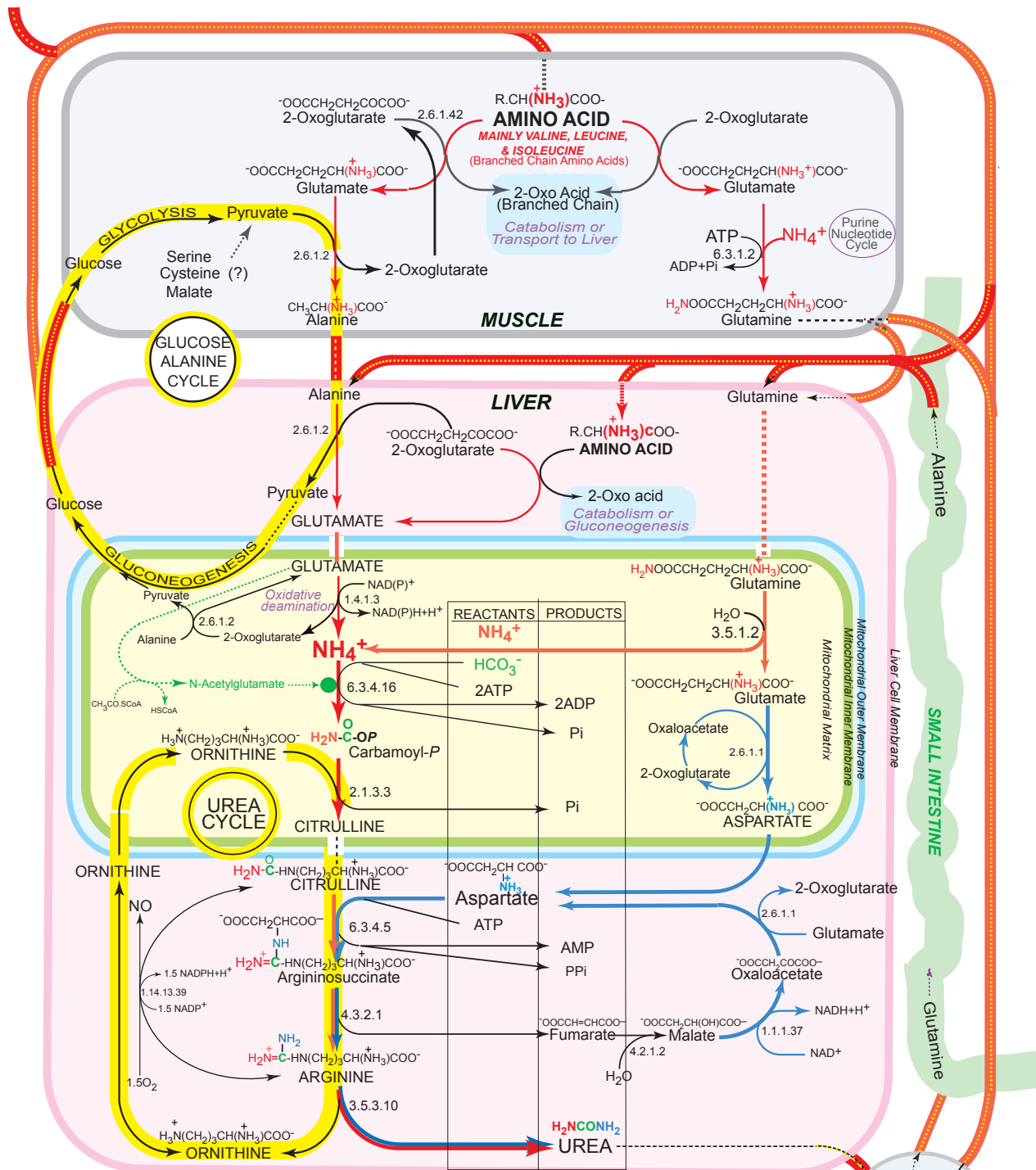


# DEAMINATION OF AMINO ACIDS - THE UREA CYCLE



- ENZYMES**
- |  |   |                                       |
|--|---|---------------------------------------|
| 1.1.1.37 Malate dehydrogenase            | 2.6.1.2 Alanine aminotransferase                    | 4.2.1.2 Fumarate hydratase            |
| 1.4.1.3 Glutamate dehydrogenase (NAD(P)) | 2.6.1.42 Branched-chain amino acid aminotransferase | 4.3.2.1 Argininosuccinate lyase       |
| 1.14.13.39 Nitric oxide synthase         | 3.5.1.2 Glutaminase                                 | 6.3.1.2 Glutamine synthase            |
| 2.1.3.3 Ornithine carbamoyltransferase   | 3.5.3.10 Arginase                                   | 6.3.4.5 Argininosuccinate synthase    |
| 2.6.1.1 Aspartate aminotransferase       |   | 6.3.4.16 Carbamoyl-phosphate synthase |