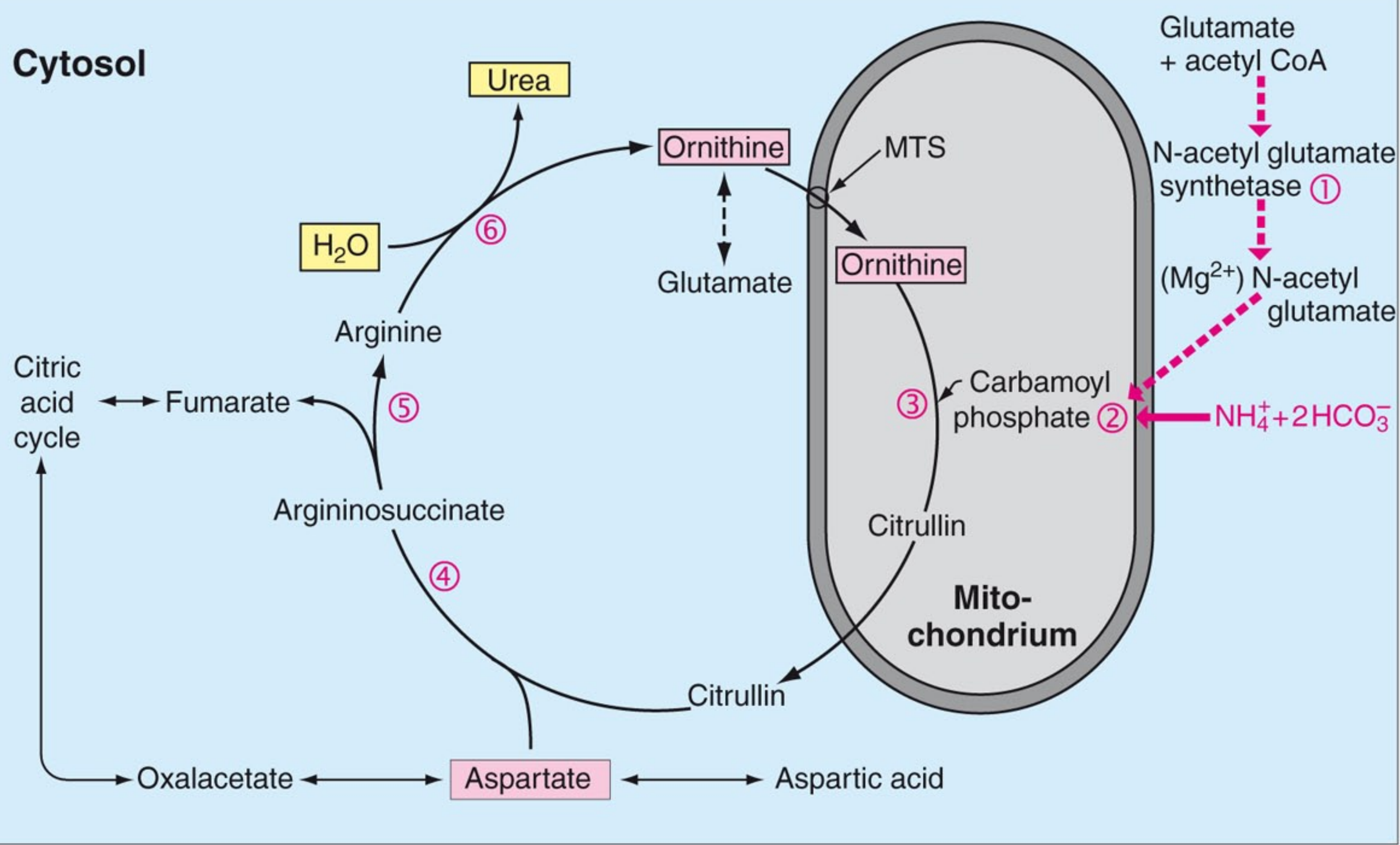


Cytosol



- ① N-acetyl glutamate synthetase*
- ② Carbamoyl phosphate synthetase*
- ③ Ornithine carbamoyl transferase
- ④ Argininosuccinate synthetase
- ⑤ Argininosuccinate lyase
- ⑥ Arginase

MTS = specific membrane transport system for ornithine ("urea starter")

* Enzyme activation requires zinc