

WEEK 5 Chapter Signal Transduction & N₂ metabolism

① Explain the following terms:
Second messenger
Nitrification

② Name the enzyme that converts:
nitrite into ammonia

An inhibitor of cytochrome oxidase.

③ Differentiate between reductive amination & transamination

④ Discuss symbiotic nitrogen fixation with reference to modulation

role of dinitrogenase & leghemoglobin.

⑤ Write the role of Ca²⁺ & phospholipase in signal transduction.