

NPTEL Inorganic chemistry of life – *Principles and perspectives*

Week 10 - Assignment 10

W10_01. What is the balanced reaction for *nitrate reductase*. How does this happen at the enzyme active site catalytically?

W10_02. In the enzyme xanthine oxidase, secondary coordination interactions from the protein are extremely important. Why?

W10_03. What is mercury reductase? What is its impact on environment? How does this function?

W10_04. What is the form in which Se present in body? What is the nature of reactions into which this enters? How does it do such reactions?