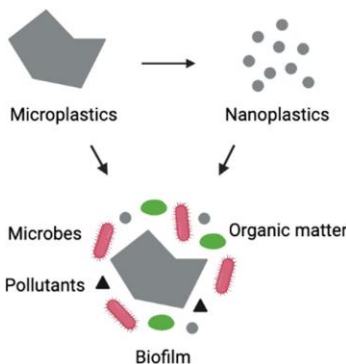
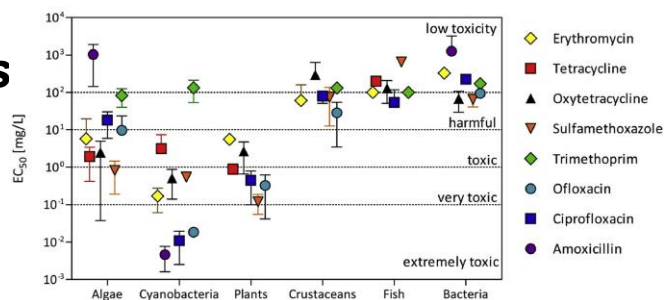




# Water Science and Technology Lab (Professor Virender K. Sharma)

## Occurrence and Fate of Micropollutants in Ecological Systems



Green Catalysts  
and Methods

Multi-valent  
Metal Oxidants/  
Reductants

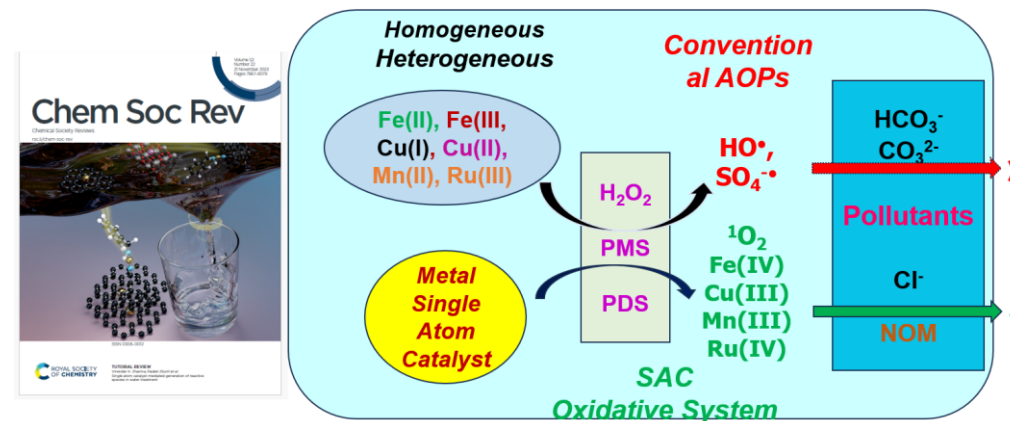
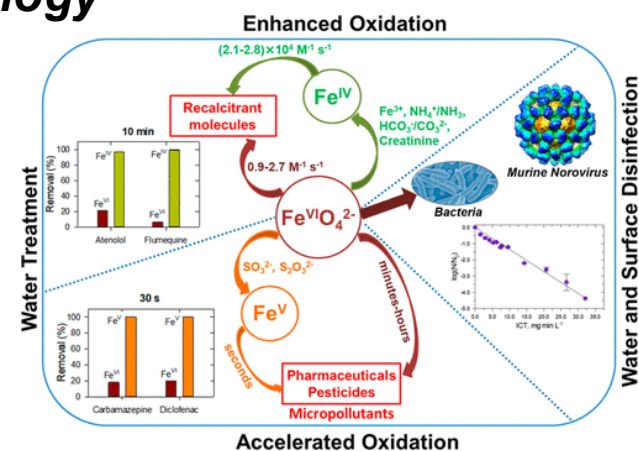
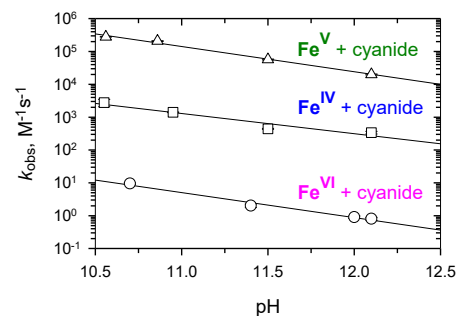
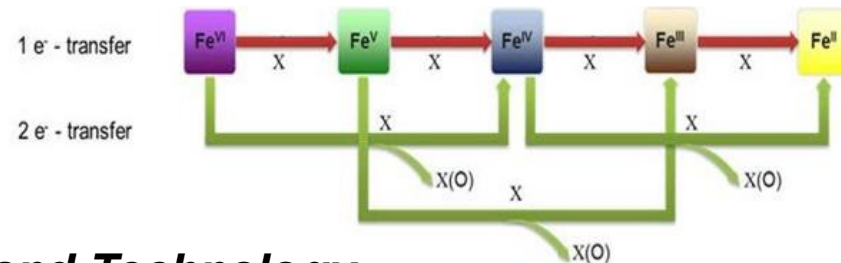
Single Atom and  
Bioinspired  
Materials

Reactive Porous  
Materials  
(MOFs and COFs)

Electrochemical  
Systems

Technology and  
Commercialization

## Chemistry and Technology of Ferrates



Water Sustainability, Food and Energy Security, and Population Health Care