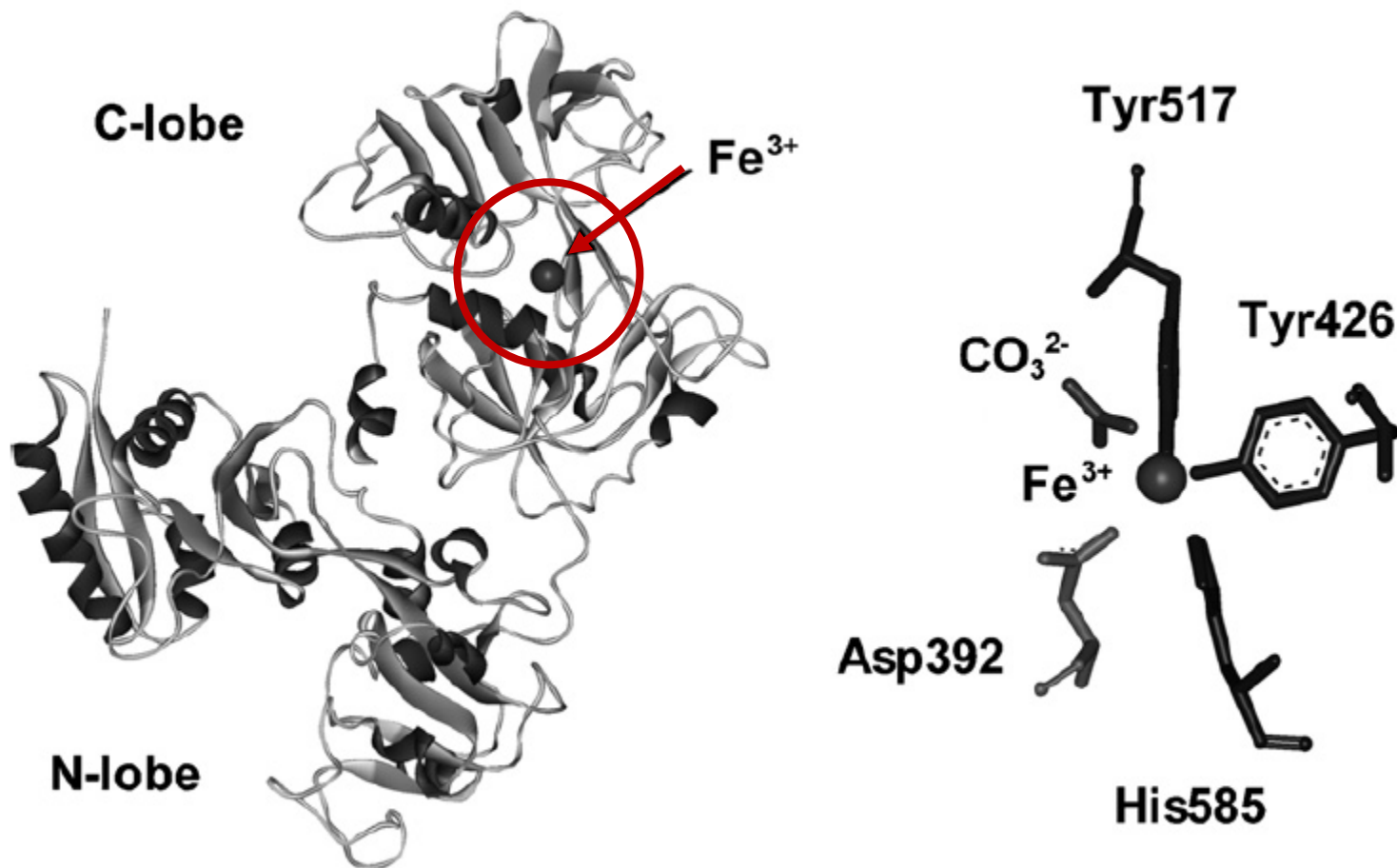


## (8) Applications – X nuclei in bioinorganic chemistry and biochemistry

### Metals in biology – Al-27

- Application in biochemistry ( $I = 5/2$ , n.a. 100%)
- Study of  $\text{Fe}^{3+}$  sites in serum transferrin (too large for  $^1\text{H}$ , substitution of Fe)
- Quantification of binding preference to N-terminal than C-terminal site

## (8) Applications – X nuclei in bioinorganic chemistry and biochemistry



Vogel, *J. Am. Chem. Soc.* **1993**, *115*, 245.

## (8) Applications – X nuclei in bioinorganic chemistry and biochemistry

