

Handbook of Metalloproteins Volume 3

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Volume 1 & 2 of the “Handbook of Metalloproteins”, focuses on a number of metals, including iron, nickel, manganese, cobalt, copper and vanadium. Now volume 3 extends the wealth of knowledge to focus on proteins found in the redox-inactive ions of zinc and calcium.

While there are more than two hundred known 3D structures of zinc enzymes, the handbook focuses on contributions for those enzymes most relevant in research today. Also covered extensively, is the role of calcium ions as secondary messengers in controlling the many biological processes.

Each metalloprotein included is supported by extensive detail, including;

- Colour graphical representations of the 3D structure
- Functional class
- Occurrence
- Spectroscopic data

Reviews from Volumes 1 & 2

"it is a pleasure just to read this handsome and carefully produced work" (Angewandte Chemie, Vol.41, 2002)

“…it is a pleasure to use ...this excellent, authoritative, and valuable text... I regard this work as essential for library purchase..." (Natural Products Report, Vol.19, No.4, 2002)

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Editorial Review

Review
"...logically divided into sections of related proteins...supported by numerous high-quality illustrations...highly recommended..." (Applied Organometallic Chemistry, Vol.19, No.1, January 2005)

" ...(this) is an excellent reference source on metalloproteins in a form not available elsewhere ..." (also in German), (Angewandte Chemie, 2004; Vol. 43; No. 40)

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