
BOOK REVIEW

Metallothionein IV

(C. Klaassen, ed., Birkhauser Verlag, Basel-Berlin-Boston, 1996, 696 p.)

Proceedings of the Fourth International Metallothionein Meeting (MT-97) feature the latest research on metallothionein. The book covers a broad range of topics that provide important information for both basic and clinical investigators. The selected 94 articles in this book were written by the leading scientists in the field around the world. This is an increasingly important, multi-disciplinary area of study that has benefited from recent advances in concepts and methodologies from other fields. Major topics include:

- metallothionein nomenclature and structure;
- chemical and analytical aspects of metallothionein;

- metallothionein in non-mammalian tissues;
- transcription factors;
- the role of metallothionein in reproduction, development, and cell proliferation;
- metallothionein and brain disease;
- the role of metallothionein in copper metabolism, diabetes, and autoimmune disease;
- the role of metallothionein in Cd-induced nephrotoxicity and bone loss;
- the role of metallothionein in oxidative stress;
- metallothionein carcinogenesis;
- metallothionein as biomarker.

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