



Marine Toxins: Origin, Structure, and Molecular Pharmacology

Bringing together research from many disciplines, this comprehensive volume reports the latest results in the study of marine toxins. This unique book covers the entire range of source organisms and toxins while focusing on the structure and metabolic origin of toxins and the molecular basis of toxicity. In addition, this volume discusses contemporary molecular pharmacology and conformational chemistry as well as the traditional structural studies.

Divided into four sections, the 27 chapters cover the following areas:

- General considerations
- Polyether toxins
- Palytoxin
- Peptide toxins

The scope of the book goes slightly beyond the title and includes cyanophytes that occur in fresh or brackish waters. Also, an examination of the interactions between toxins and their primary sites of action is provided.

Sherwood Hall, Editor, U.S. Food and Drug Administration

Gary Strichartz, Editor, Harvard Medical School

Developed from a symposium held under the auspices of the Commission on Food Chemistry, Applied Chemistry Division, International Union of Pure and Applied Chemistry.

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