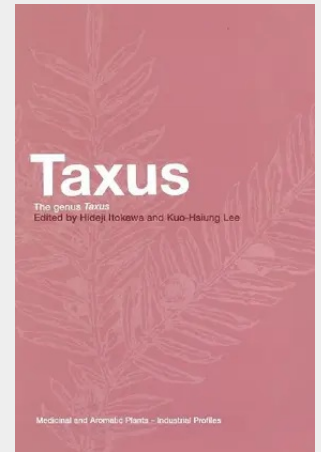


Taxus

The Genus Taxus

Taxol, originally derived from the North American Yew tree in 1971, is well-known worldwide as a powerful anticancer agent. Mechanistically, it has a unique microtubule stabilizing activity, and was clinically developed as a therapeutic agent in the treatment of breast and ovarian cancers at the National Cancer Institute, Washington D.C., USA. In this volume, the authors provide an authoritative account of the taxoids. It covers their production and biosynthesis - from commercial cultivation to plant tissue culture methods - describes taxoid chemistry, the analytical methods for identifying their structure and the pharmacological and pre-clinical aspects important in investigating their therapeutic actions. It presents a thorough review of the scientific literature, including data from scientists currently engaged in taxoid research, and will be of significant value to researchers and others who wish to gain a practical perspective on taxoid research and development.

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