



# 植物化学・全3巻 Phytochemistry, 3-Volume Set

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**Vol 1: Fundamentals, Modern Techniques, and Applications**

**Vol 2: Pharmacognosy, Nanomedicine, and Contemporary Issues**

**Vol 3: Marine Sources, Industrial Applications, & Recent Advances**

- ◇ 動物における植物化学の生物学的役割に焦点。
- ◇ 植物の分類における植物化学の役割、フライトケミカル・マーカーについて詳述。
- ◇ 様々な抽出方法、分離技術、植物化学物質のキャラクタリゼーション方法を解説。
- ◇ 生薬および様々な疾病治療における植物化学物質の役割について詳述。
- ◇ ナノ粒子のグリーン生合成とその医学への応用を探求します。
- ◇ 有毒植物について評価し、その酸化促進物質および反栄養素としての活性について解説。
- ◇ 植物化学物質の分類方法について概観。
- ◇ 環境にやさしい除草剤および殺虫剤の可能性に触れております。

*The 3-volume set, Phytochemistry, covers a wide selection of topics in phytochemistry and provides a wealth of information on the fundamentals, new applications, methods and modern analytical techniques, state-of-the-art approaches, and computational techniques. With chapters from professional specialists in their fields from around the world, the volumes deliver a comprehensive coverage of phytochemistry.*

Phytochemistry is a multidisciplinary field, so this book will appeal to students in both upper-level students, faculty, researchers, and industry professionals in a number of fields, including biological science, biochemistry, pharmacy, food and medicinal chemistry, systematic botany and taxonomy, ethnobotany, conservation biology, plant genetic and metabolomics, evolutionary sciences, and plant pathology.

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Cells 21. Targeting Cancer Cell Carbohydrate Metabolism by Phytochemicals 22. Herbal Drug Discovery: The Envision Biotechnology Approach **Part 4: Phytochemical Research** 23. GC-MS Analysis and In Vitro Anticancer Activity of Tectona grandis Bark Extract Against Human Breast Cancer Cell Line (MCF-7) 24. Phytochemical Analysis of Nigella sativa L. Seeds Aqueous Extract by GC-MS and FTIR 25. Phytochemical Studies on Five Nigerian Indigenous Vegetables

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