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Nota di contenuto	Front Cover; About the Editors; Contents; Acknowledgment and How to Cite; List of Contributors; Introduction; Part I: Relevance of Traditional Knowledge to Biological Testing; Chapter 1: The Relevance of Traditional Knowledge Systems for Ethnopharmacological Research: Theoretical and Methodological Contributions; Chapter 2: Antioxidative and in vitro Antiproliferative Activity of Arctium Lappa Root Extracts; Chapter 3: Interleukin-6 and Cyclooxygenase-2 Downregulation by Fatty-Acid Fractions of Ranunculus Constantinopolitanus Chapter 4: An Extract of the Medicinal Mushroom Agaricus blazei Murill can Protect Against Allergy Chapter 5: Anti-Oxidative Effects of the Biennial Flower of Panax Notoginseng Against H2O2-Induced Cytotoxicity in Cultured PC12 Cells; Chapter 6: Cytotoxic Activity of Proteins Isolated from Extracts of Corydalis Cava Tubers in Human Cervical Carcinoma HeLa Cells; Chapter 7: Arctigenin from Arctium Lappa Inhibits Interleukin-2 and Interferon Gene Expression in Primary Human T Lymphocytes; Part II: Targeting Important Diseases Using Natural Products (TK or Non-TK Based) Chapter 8: A New Dawn for the Use of Traditional Chinese Medicine in

Cancer Therapy Chapter 9: Anti Cancer Effects of Curcumin: Cycle of Life and Death; Chapter 10: Comparative Study of the Antioxidant and Reactive Oxygen Species Scavenging Properties in the Extracts of the Fruits of Terminalia Chebula, Terminalia Belerica, and Emblica Officinalis; Chapter 11: Inhibition of Highly Productive HIV-1 Infection in T Cells, Primary Human Macrophages, Microglia, and Astrocytes by Sargassum fusiforme; Part III: Molecular Biology, Genomics, and Proteomics: Plant Centered and Person Centered Chapter 12: The Use of Phylogeny to Interpret Cross-Cultural Patterns in Plant Use and Guide Medicinal Plant Discovery: An Example from Pterocarpus (Leguminosae) Chapter 13: Ethnobotany Genomics: Discovery and Innovation in a New Era of Exploratory Research; Chapter 14: Prescriptions of Traditional Chinese Medicine are Specific to Cancer Types and Adjustable to Temperature Changes; Part IV: Personalized or Person-Centered Medicine Chapter 15: Traditional, Complementary, and Alternative Medical Systems and their Contribution to Personalization, Prediction, and Prevention in Medicine: Person-Centered Medicine Author Notes

Sommario/riassunto

The purpose of this book is to discuss several medicinal plants to find wider application in the domain of medicinal, clinical, and pharmaceutical treatment. Recent Advances in Plant-Based, Traditional, and Natural Medicines serves as a useful source of ideas and an inspiration for further cell and molecular biology research toward developing drugs and treatments from these traditional and plant-based remedies. The book covers a variety of topics and: Considers the current state of research of traditional and plant-based medicines Covers the current statu
