Evidence and Rational Based Research on Chinese Drugs
Contents

1 Development of New Analytical Monographs of Herbal Drugs from TCM for Quality Proof and Development of New Phytopharmaceuticals ............................................. 1 H. Wagner

2 DNA-Based Authentication of TCM-Plants: Current Progress and Future Perspectives ................................................................. 27 G. Heubl

3 Newest Results on the Chemistry and Pharmacology of TCM Drugs Containing Triterpene and Steroid Saponins .................. 87 Marie-Aleth Lacaille-Dubois

4 Efficacy of Andrographis paniculata in Upper Respiratory Tract Infectious Diseases and the Mechanism of Action ............. 137 Alexander Panossian and Georg Wikman

5 From Traditional to Evidence-Based Use of Hippophae rhamnoides L.: Chemical Composition, Experimental, and Clinical Pharmacology of Sea Buckthorn Berries and Leaves Extracts .... 181 Alexander Panossian and Hildebert Wagner

6 New Results on the Pharmacology and Clinical Use of the TCM-Drug Salvia miltiorrhiza ....................................................... 237 John H.K. Yeung

7 Inhibition of ATP-Binding Cassette Transporters by Chinese Herbs and Phytochemicals ..................................................... 283 Thomas Efferth

8 Activity of Artemisinin-Type Compounds Against Cancer Cells .... 333 Serkan Sertel, Peter K. Plinkert, and Thomas Efferth
9 Chinese Herbal Medicines for Neuroprotection in Ischemic Stroke: Promise and Reality .............................................. 363
Nikolaus J. Sucher and Maria C. Carles

10 Complementary and Traditional Chinese Medicine Methods in the Treatment of Gynecological Diseases ................. 397
Wolfgang Wuttke and Dana Seidlova-Wuttke

11 Ginkgo biloba Extract EGb 761®: From an Ancient Asian Plant to a Modern European Herbal Medicinal Product ........ 431
Friedrich Lang, Robert Hoerr, Michael Noeldner, and Egon Koch

12 Ginkgolides and Their Derivatives: Synthetic and Bioorganic Studies ................................................................. 471
Sergei V. Dzyuba, Laramie P. Jameson, and Koji Nakanishi

13 Towards a Contemporary and Evidence-Based Development of TCM ................................................................. 489
Hildebert Wagner and Gudrun Ulrich-Merzenich

Index ................................................................................................................. 517