

# Preface

Few centuries B.C., the Greek physician Hippocrates rightly said, “Let food be thy medicine and medicine thy food.” But not only in the Greek civilisation but also in many other cultures, natural products have been used for the relief of neurological symptoms and diseases over the centuries. Natural products can be used for prevention and/or treatment to delay progression or limit symptoms and severity of large number of brain diseases. However, for a large number of them, their specific mechanisms of action often still remain unknown.

Recent investigations and new technologies are progressively unveiling the complex molecular mechanisms of a plethora of plant extracts and natural compounds for their neuroprotective and therapeutic abilities.

This book is focusing on the recent contributions of medicinal natural products chemistry to the discovery of new chemical entities useful to the control and prevention of neurodegenerative diseases such as Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, frontotemporal dementia, multiple sclerosis, and neurologic traumatic injuries including stroke, spinal cord injury, brain trauma, and cerebral ischemia.

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