

Neuroprotective Sri Lankan Plants: Back to the Future with Phytomedicine

Book Chapter by Prof. K. Ranil D. de Silva

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**Book Title: *Indopathy for Neuroprotection:
Recent Advances.***

Bentham Science Publishers, The Netherlands
World Number 4 - Publisher

Chapter 4;
53 pages
with over
400
References



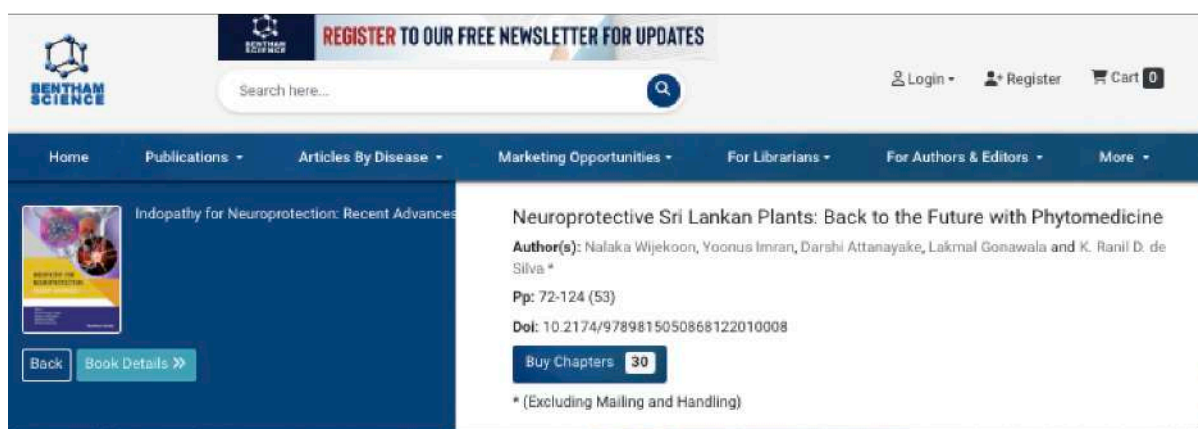
The chapter forms the basis towards;

**Innovation, Entrepreneurship, Value-addition of
Sri Lankan endemic plants/spices as functional
food/ neuroprotective nutraceuticals in
multidisciplinary research and development through
Public, Private and International Partnerships**

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**Prof Ranil de Silva, compiled a Book Chapter Titled;
“Neuroprotective Sri Lankan Plants: Back to the Future with Phytomedicine”
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Book Title: *Indopathy for Neuroprotection: Recent Advances* by the Principal Editor, Prof. Surya Pratap Singh and co- editors was published last week.

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Contains - 15 chapters, 393 pages. Printed Copy: US \$143

Indopathy for Neuroprotection: Recent Advances: Book chapters focus on the effects of various medicinal plants that have shown promise in reversing pathological symptoms of neurodegenerative disease and highlight the neuroprotective role of medicinal herbal phytochemicals and their mechanism of action. The book serves as a reference for pharmacology and herbal medicine scholars as well as healthcare workers

Chapter Four (4) Title; *“Neuroprotective Sri Lankan Plants: Back to the Future with Phytomedicine;* - 53 pages and 416 references

Chapter 4 - could form the basis towards Innovation and Entrepreneurship, Value-added Sri Lankan endemic plants/spices as functional food/ neuroprotective nutraceuticals development.

With the rapid increase in life expectancy and the proportion of the elderly population, the prevalence of age dependent neurodegenerative diseases; Alzheimer’s disease, Parkinson’s disease and Amyotrophic lateral sclerosis, etc, is on the rise. No treatment to date has been discovered, which is capable of modifying the course of the disease.

The chapter four (4) provides,

1. a brief overview of the most common neurodegenerative disorders,

2. information on the neuroprotective effects of dietary natural products consumed in Sri Lanka and South Asian countries
3. development of evidence-based effective neuro-nutraceuticals with a stride of innovation through multidisciplinary Public Private and International Partnerships.

Chairman, Technology Development and Innovations Arm of the National Science Foundation (NSF) has very promptly responded to take up innovative entrepreneurial work at multidisciplinary level.