

Potential Therapeutic Applications of Nanomaterials



Edited by
Prof. Dr. Anil Kumar
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Prof. Dr. Anil Kumar

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A Roadmap for Secondary Teacher Education Through Open Distance Learning

Dr. Vidyapati, Dr. Bendangyapangla

Abstract

Various Commissions and Committees have highlighted the importance of quality teacher education and the need to train them for effectively transacting the curriculum and to maintain quality in our education system. However, training the teachers has not been an easy task due to the sheer number of untrained in-service teachers and the aspirant teachers. This problem could be mitigated to some extent due to the presence of Open and Distance Learning institutions. Yet, the problem still persists for a number of different reasons. The NEP 2020 envisions taking distance teacher education programme to the door step of the learner at remote location (with some pre-conditions) which is a novel and wonderful proposition. However, such a venture calls for careful meticulous planning so that quality is uncompromised.

Key words: Open Distance Learning; student teachers; internship; self learning materials, manual

NEP 2020

A Road Map to Future Higher Education

Editors

Dr. Vidyapati
Dr. Dhiraj Singh



About the Book...

The New Education Policy is a vision of an education system around human society and on the Indian knowledge which will have the ability to create a knowledge society which with the present global needs which includes digital, rational and scientific through education of technology. The system of education this NEP 2020 will provide an awaited solution for a society which has become permanent forces. This education policy in the direction of transform self-reliant India and setting for aspirations of India as a superpower. The present edited book is a collection of opinions of scholars and experts about the various aspects of education in the New Education Policy. This book will be a valuable future this book will be a valuable addition to the scholars and researchers in the Indian education system. It is a must-read for all who believe in the Indian education system.

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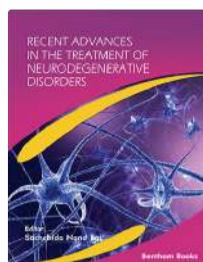
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Therapeutic Efficacy of Mushroom in Neurodegenerative Diseases

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Abstract

Mushrooms are used not only for culinary purposes, but also for the treatment of various chronic diseases. It shows vital therapeutic activity in several neurodegenerative disorders such as, Alzheimer's and Parkinson's diseases. These diseases are non-communicable as well as age-related. Currently, no drug therapy is available to treat such neurodegenerative disorders; instead, it is best to delay progression of these diseases. Accumulated evidence has suggested that culinary or medicinal mushrooms may play a significant role in the prevention of these disorders, as mentioned earlier, and dementia. Therefore, daily consumption of mushrooms in the diet may improve memory and cognitive functions, including mushrooms such as, *Hericium Erinaceus*, *Ganoderma lucidium*, *Pleurotus giganteus*, *Dictyophora indusiata*, *Sarcodon scabrosus*, *Anrodia camphorata* *Termitomyces albuminosus*, *Paxillus panuoides*, *Mycoleptodonoides aitchisonii*, *Lignosus rhinocerotis*, and numerous other species. These mushrooms show potent antioxidative, antiinflammatory, and memory-enhancing activities. This chapter deals with the therapeutic activity of mushrooms and their bioactive components for different neurodegenerative diseases. Thus, mushrooms can be considered supportive and promising candidates for treating or preventing neurodegenerative diseases.

Keywords: [Anti-inflammatory](#), [Antioxidant](#), [Culinary_mushroom](#), [Neurodegeneration](#), [Neuritogenic](#), [Neuroprotection](#), [Neurotrophic](#).

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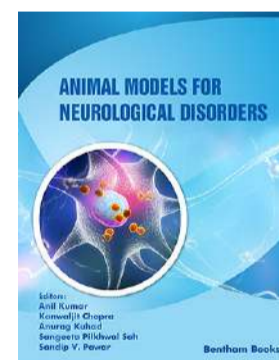
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