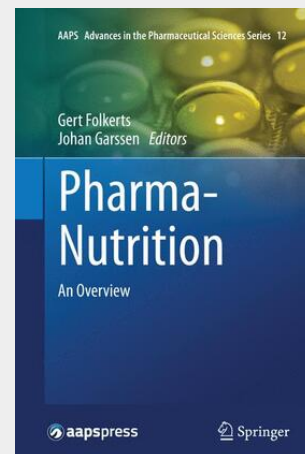


Pharma-Nutrition

An Overview

Natural products and functional/medical foods are now widely acknowledged as having an effect on the microbiome of the intestine, which in turn influences the outcome of certain disease. This book reviews the impact and effects of natural products and functional/medical foods (nutritional programming) on disease management, specifically focusing on diseases related to 1) Inflammation and Immunity, 2) Cancer, COPD and Cachexia, 3) Allergy and 4) Brain Neuro/Immune. Hippocrates said "let medicine be thy food and food be thy medicine". While most of us are familiar with Hippocrates famous words, we admit that in recent times, the disciplines of pharma and nutrition have evolved separately. Today, with the ever growing burden of diseases in modern society, we see a convergence of the two in relation to specific disease prevention and treatment. This re-discovered common ground between the complementary values of pharma and nutrition can be conceptualized in the term pharma-nutrition. Various chapters in the book review the aspects of molecular characteristics of food ingredients towards clinical effectiveness and relevance.

This volume examines the effects of natural products and functional/medical foods (nutritional programming) on disease management. It specifically focuses on diseases related to inflammation and immunity, cancer and cachexia, allergies, and brain and neuro/immune. As both pharmacologists and nutritionists are recognizing that the one disease/one target/one drug (or nutrient) concept will be less successful than in the past, this book aims to stress the importance of a multi-target approach versus a single-target approach. It also presents aspects of molecular characteristics of food ingredients toward clinical effectiveness and relevance. The interest in food in health and disease has exploded in the past few years, and publications on the microbiome can be found in all major scientific journals and newspapers. A new concept uses functional foods hand in hand with standard pharmacological therapies, which can be conceptualized in the term "pharma-nutrition." With the complementary values of pharma and nutrition, scientists might be able to overcome the increased incidence worldwide of complex multi-factorial disorders, chronic and degenerative diseases in particular.



160,49 €

149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319349534

Medium: Buch

ISBN: 978-3-319-34953-4

Verlag: Springer International Publishing

Erscheinungstermin: 17.09.2016

Sprache(n): Englisch

Auflage: Softcover Nachdruck of the original 1. Auflage 2014

Serie: AAPS Advances in the Pharmaceutical Sciences Series

Produktform: Kartoniert

Gewicht: 7489 g

Seiten: 484

Format (B x H): 155 x 235 mm

