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Natural: From traditional goes to Biomolecular approach

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Biomolecule, also called biological molecule, any of numerous substances that are produced by cells and living organisms. Biomolecules have a wide range of sizes and structures and perform a vast array of functions. So, molecular therapy is defined as the introduction of genetic material into cells, either for direct killing of the cells or to facilitate the ability of the host to eradicate them, especially on chronic chronic degenerative diseases.

Western drugs and target medicines for disease treatment come with undesirable side effects that have limited their use in patients for an extended period of time. It is warranted to develop a treatment strategy with alternative medicines to reduce toxicity relating to drugs, in particular, cancer drugs. Thus, a combination therapy with herbal medicines provides a more effective treatment method for hard-to-treat diseases. The recent breakthroughs in naturally occurring small molecules from herbal medicines have provided experimental evidence and are clinically significant in treatment strategies.

This unique volume presents the recent developments in the field of herbal medicines for the treatment of chronic degenerative diseases. Recent progress on small molecules isolated from herbal medicines that exhibit therapeutic benefits in humans is highlighted. Several journal provides an overview of the significant discoveries and pioneering contributions of herbal medicines in combination with other drugs;

Recent scientific research increasingly supports the notion that natural ingredients and bioactive ingredient components have many potential health benefits. Natural substance supplements

marketers are adding health claims and structure/function claims on products based on the good science developing about them. Structure or Function claims are statements of health-promoting or nutritional benefit allowed on dietary supplement labels to mention and describe the support or maintenance of the normal functioning of the body.

Naturoceuticals are often defined synonymously with functional foods in the literature, covers those fortified foods that are enriched with nutrients not natural to the food. Thus, naturoceuticals are more correctly defined as parts of a natural substances or a whole food that have a medical or health benefit, including the prevention and treatment of disease; referring to "a product isolated or purified from foods that is generally sold in medicinal forms [and] is demonstrated to have a physiological benefit or provide protection fight and against chronic disease."

Biography

Amarullah H. Siregar currently working as a [Medical Doctor](#) at University of North Sumatera in Indonesia. He has completed his PhD in the Department of Health Sciences at Fairfax University of America in United States of America. He is one of the Doctors who recommended Tahitian Noni Juice as a treatment therapy. Previously, he is also worked as [Healthcare specialist](#), Homeopathic & Naturopathic Medicine Consultant, Anti-aging medicine practitioner. His research interests mainly focusses on [Diabetes Care](#), [Alternative Medicine](#).

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