Metabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids

Undurti N. Das
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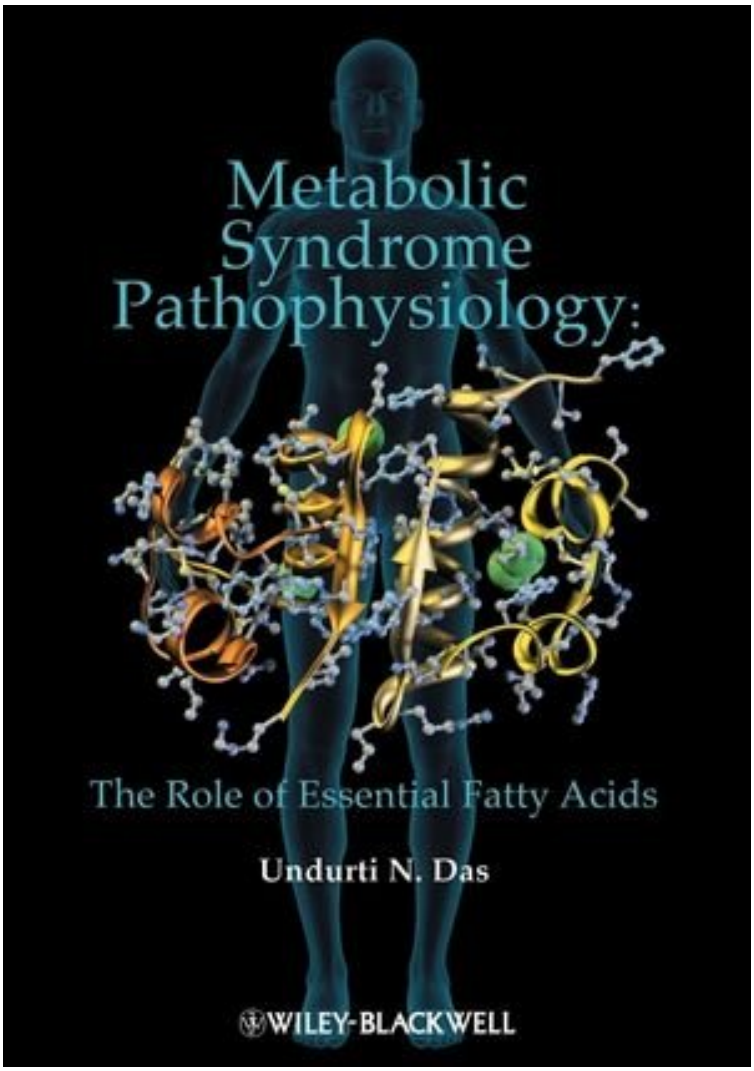

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Undurti N. Das : Metabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids before purchasing it in order to gage whether or not it would be worth my time, and all praised Metabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids:

Metabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids provides current research exploring the links among insulin, insulin receptors, polyunsaturated fatty acids, brain growth and disease. Specific interactions of

essential fatty acids and polyunsaturated fatty acids in brain development and several disease groups are described. The role of inflammation in disease and how fatty acids regulate low-systemic inflammation are examined and explained. Metabolic and neurologic dynamics are presented to provide a linkage between the presence of omega-3 and omega-6 and protection against diseases and conditions such as diabetes mellitus, obesity, autoimmune diseases and hypertension.

From the Back CoverMetabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids Metabolic Syndrome Pathophysiology: The Role of Essential Fatty Acids provides current research exploring the links among insulin, insulin receptors, polyunsaturated fatty acids, brain growth and disease. Specific interactions of essential fatty acids and polyunsaturated fatty acids in brain development and several disease groups are described. The role of inflammation in disease and how fatty acids regulate low-systemic inflammation are examined and explained. Metabolic and neurologic dynamics are presented to provide a linkage between the presence of omega-3 and omega-6 and protection against diseases and conditions such as diabetes mellitus, obesity, autoimmune diseases and hypertension. Preliminary chapters provide an overview of the history and diagnosis of metabolic syndrome and its link to insulin resistance. Following chapters cover obesity, hypertension and diabetes, and remaining chapters provide detailed information on the role and physiology of essential fatty acids. This book is a key reference for nutrition researchers and clinical nutritionists working in the areas of lipids and metabolism, metabolic syndrome, obesity, hypertension and diabetes. Comprehensively reviews current research on metabolic diseases Discusses molecular aspects of biochemistry, physiology, and pathology of metabolism of essential fatty acids Includes chapters devoted to obesity, hypertension, heart disease and certain cancers About the AuthorUndurti N. Das, M.D. is the Chairman and Research Director of UND Life Sciences, USA and Ramalingaswami Fellow of the Department of Biotechnology, India. Dr Das is also the Editor-in-Chief of the journal Lipids in Health and Disease. He has published more than 400 international publications and has been awarded four USA patents.