Perception of Nutrition and Metabolism

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Accepted on April 10, 2020

Editorial

To show that nutrition science, with its application to food and nutrition policy, now we need a new conceptual framework. This will incorporate nutrition in its current definition as principally a biological science, now including nutritional aspects of genomics. It will also create new governing and guiding principles; specify a new definition; and add social and environmental dimensions and domains. A narrative review of nutrition science, its successes and achievements, and its dilemmas, paradoxes, shortcomings, dissonances and challenges are a part of Insights in Nutrition and Metabolism Journal. Nutrition in principle and practice should be a biological and also an environmental and social science. This new broad integrated structure brings much recent and current progressive work into the centre of nutrition science, and in some ways is a renewal of the period when nutrition science had its greatest impact.

The prime focus of Insights in Nutrition and Metabolism Journal is the review of liver pathophysiology and the nutrition‐related and integrative fields of food, nutrients, food product development, food safety and benefit; food microbiology, food-borne pathogens, and fermentation; food engineering, functional food factor, nutritional biochemistry, nutritional physiology, molecular nutrition, molecular gastronomy, poor nutrition, balanced eating, novel ingredients and nutrigenomics, obesity, diabetes, clinical genetics and epidemiological studies that describe methodologies, mechanisms, and associations in metabolic relation to diabetes and nutrition-related diseases. It also implements integration of nutrition, exercise physiology, clinical investigations, and molecular and cellular biochemistry of metabolism.

Novel research publication of "Hyperhomocysteinemia effects on histology and lipid content of aorta in male and female rabbit" was a contribution by Othmani-Mecif K, Fernane A, Taghlit A, Yefsah A, Ghoul A and Benazzoug Y of Algeria. They stated that met enriched diet causes hyperhomocysteinemia (Hhcy), which is associated with the metabolic syndrome, oxidative and nitrosative endoplasmic reticulum stress [1], inflammation, and increased cardiovascular risk [2]. Hhcy induces HDL changes through Hcy-thiolactone, with loss of their anti-inflammatory and cyto-protective properties [3], and promotes LDL oxidation and internalization by macrophages, the initial step of atherosclerosis [4]. The Hcy autoxidation causes endothelial dysfunction, considered as the main initiator of atherogenesis, via H2O2 [5] reducing endothelial relaxation by fat accumulation. The impact of the diet on the cardiovascular system related to the gender has been studied in some studies, so Nematbakhsh et al. [6] indicate a gender difference in endothelial permeability of aorta in rabbits consuming normal or high-cholesterol diets. For Pektaş et al. [7], the protection with females to metabolic abnormalities could be attributed to estrogen and the type of diet may differently affect metabolic parameters between males and females. Another study, realized in patients with a bicuspid aortic valve indicate more enhanced collagen degradation and smooth muscle cell loss in male than in female patients [8].

We are pleased to bring you the Insights in Nutrition and Metabolism's new issue for 2020. Insights in Nutrition and Metabolism is the official publication of the Nutrition and Metabolism. This is the fourth consecutive year that we are publishing a special novel research work and review articles in Nutrition, diabetes, malnutrition etc., and its relevant fields.

Since the last three year, Insights in Nutrition and Metabolism editorial board has around twenty life members selected as representatives who are supporting the development of Journal globally. The double blind peer review process is being maintained from the first issue of the Journal itself which has provided the reader novel and standard research. Assurance for quality is the main motto of Insights in Nutrition and Metabolism Journal which is being practiced for the last three years.

Numerous benefits are being provided for the contributors which include: Online visibility of your publications globally and vast reader base of Allied Academies readers/authors include diversified professional, geographic, economic and educational background enhances the product/service reach

Co editors who have contributed their services have a vast experience and knowledge in nutrition and food technology and bring along considerable credibility to the work published in the issues.

There are also many scholarly reviews in Insights in Nutrition and Metabolism issues which highlight a diverse spectrum of acute and chronic diseases that challenge clinical management. Readers can develop an understanding of the advances in nutrition care of patients suffering from a variety of disorders and the value of individualized therapies.

Our focus was and always will be quick turn around time, good quality and being researcher friendly. As we continue to walk the path that we had set our feet on, we would like to thank all our authors, reviewers, editorial board members and readers for the pivotal role that they have played over the years in shaping Insights in Nutrition and Metabolism. With continued help and support by the above mentioned, we hope to continue improving and getting better.

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