



Journal of Nutrition and Metabolism

Special Issue on
Nutrition: From Bench to Bedside

CALL FOR PAPERS

The nutritional health in the world is one of the most pressing issues in front of different countries today. International organizations like FAO and WHO suggest that there is an improvement of the nutritional situation in Asia and Latin America, though deterioration in sub-Saharan Africa does exist. As regards Europe and USA, we are living in the era of “overnutrition” though the situations of famine, hunger, and starvation do exist in some developing countries. Some of the noncommunicable pathologies like obesity are not only due to the excess of fatty food, but intake of unbalanced diet also contributes significantly to their pathogenesis. Obesity is also associated with cancer prevalence as excess of calories might contribute to the neovascularization. Nutrient requirements vary as a function of life style. Infants and pregnancy require more attention because these situations are more vulnerable and are at greater risk for malnutrition that might contribute to metabolic memory, responsible for the pathologies like macrosomia, obesity, type 2 diabetes, and hypertension.

The fundamental research at the cellular and molecular level is indispensable for the patient-related nutrition. The nutritional therapies, besides enteral and parenteral approaches, also include an integrated holistic approach to health by functional food or phototherapy. The nutrition/malnutrition modulates the epigenetic fingerprinting that might be implicated in different pathophysiological situations.

The 1st International Congress of Nutrition and Food Science <http://nutrition.univ-tlemcen.dz/> will be held in Tlemcen (Algeria) from 20th to 22nd November 2015. Authors are invited to submit the extended versions of their papers to this special issue. In addition, original, high-quality contributions that are not yet published elsewhere are solicited for this special issue.

Potential topics include, but are not limited to:

- ▶ Phytotherapy
- ▶ Pediatric nutrition
- ▶ Food security
- ▶ Cellular and molecular nutrition
- ▶ Immunonutrition
- ▶ Nutrigenetics, nutrigenomics, and nutrition
- ▶ Pathophysiological complications and nutrition
- ▶ Clinical outcome and nutrition
- ▶ Experimental nutrition
- ▶ Nutrients and nutritional assessment

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jnme/nut/>.

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