

Special Issue on
Diet and Nutrition for Body Weight Management

CALL FOR PAPERS

Body weight is regulated by several mechanisms including genetic, physiologic, and behavioural factors. In obesity, an imbalance occurs between food intake and energy expenditure which leads to an excess fat accumulation and negative health consequences. This special issue focuses on recent research findings describing the effect of dietary and nutritional factors on the control of body weight and how would these findings be utilized towards the prevention and management of overweight and obesity. Some of the main challenges in the area of diet and nutrition research include choosing the proper study design, obtaining accurate and reproducible data, performing the proper data analysis, and drawing accurate conclusions. A high-quality research's outcomes will help in appropriate application of food and nutrition in the prevention and management of overweight and obesity.

The aim of this special issue is to update our knowledge regarding the utilization of various dietary and nutritional approaches towards body weight control. Original research articles (clinical, translational, and in vivo animal and in vitro studies) are welcomed to this Issue.

Potential topics include but are not limited to the following:

- ▶ Dietary approaches for the prevention of overweight and obesity
- ▶ Portion size, nutrients' content, and energy density in foods and beverages
- ▶ Dietary assessment methods in clinical studies
- ▶ Comparison of health consequences of dietary fats, saturated versus polyunsaturated fats
- ▶ White versus brown adipose tissue, nutritional browning factors
- ▶ Diet-gene interactions in the management of obesity
- ▶ Epigenetic changes as mediators for the antiobesity effects of dietary natural products
- ▶ Food tax and monetary incentives to tackle obesity

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/job/dnbw/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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Submission Deadline

Friday, 10 August 2018

Publication Date

December 2018