



## Modified Diets and Nutritional Strategies for Patients with Swallowing and Mastication Disorders

Guest Editor:

**Prof. Dr. Pere Clavé**

1. Gastrointestinal Physiology Laboratory, Department of Surgery, Hospital de Mataró, Consorci Sanitari del Maresme, 08304 Barcelona, Spain  
2. Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas (CIBERehd), Instituto de Salud Carlos III, 28029 Madrid, Spain

Deadline for manuscript submissions:  
**closed (15 November 2023)**

### Message from the Guest Editor

Texture modified diets including fluid thickening and texture adaptation are widely used to manage patients suffering from swallowing disorders such as dysphagia and/or mastication impairments. This is very relevant for patients with neurological diseases and older people. Oropharyngeal dysphagia is recognized as a geriatric syndrome. Saliva, mastication and other factors such as shear rate and tongue pressure can have a remarkable impact on rheological and textural characteristics which can endanger patients' swallowing. This Collection aims to spread scientific achievements in the quantification of texture and rheology development of standardized protocols to assess the impact of swallowing, mastication and oral processing on texture and viscosity, as well as the research on nutritional complications associated (dehydration, malnutrition). The main aim is to define a framework to develop thickened fluids and texture modified diets, described in SI units, to guarantee quality control and reproducibility for clinicians, researchers and the nutritional industry facing aging, one of the most relevant sociodemographic characteristics of our society.





an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Lluís Serra-Majem**

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

### **Prof. Dr. Maria Luz Fernandez**

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)

## Contact Us

*Nutrients* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/nutrients  
nutrients@mdpi.com  
X@Nutrients\_MDPI