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Allergenic Properties and Molecular Characteristics of Food Allergens

Guest Editor:

Dr. Claudia Alessandri

1. Associated Centers for
Molecular Allergology (CAAM),
00100 Rome, Italy
2. Allergy Data Laboratories
(ADL), 04100 Latina, Italy

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Message from the Guest Editor

Food allergy represents a burgeoning health crisis. Its prevalence has surged rapidly in recent decades, and likewise, research in the field of food allergy is increasing. Meanwhile, vital progress has been made regarding the characterization of food allergens, the study of their immunological properties, and their detection in natural sources and in processed products.

Known food allergens belong to a relatively restricted number of protein families, characterized by biochemical and physicochemical properties that may or may not include thermal stability and resistance to proteolysis. The allergenicity of a food protein cannot be predicted. However, determining whether it belongs to a certain family of allergenic proteins enables us to understand whether a molecule is possibly predisposed to becoming an allergen; this represents an important first step, and may contribute to determining the allergenic risk.

The aim of this Special Issue of *Foods* is to gather and present cutting-edge research on the properties and molecular characteristics of food allergens. This Special Issue welcomes the submission of original research articles and reviews on this topic.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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