

## Special Issue

# New Diagnostic and Therapeutic Approaches in Food Allergy

### Message from the Guest Editors

Food allergy is an adverse reaction of the immune system triggered by harmless food-derived allergens. Although various studies and guidelines have emphasized that food allergies are more common in children than in adults, they can cause mild to severe symptoms in both groups and can sometimes be life-threatening. Therefore, diagnosis and treatment are crucial to avoid food allergy reactions. This Special Issue welcomes submissions of Original Research Articles, Clinical Case Reports and Reviews on novel studies performed in the diagnosis and treatment of food allergies. Specific subject areas of interest include, but are not limited to, the following:

- Specific mechanisms of food allergy (cellular and molecular).
- Current clinical tips on food allergy diagnosis.
- Novel methods on food allergy diagnosis.
- Cellular and molecular biomarkers of food allergy.
- The role in food tolerance acquisition.
- Involvement of dendritic cells, T regulatory cells and innate lymphoid cells in food allergy mechanisms.
- New perspectives of allergen immunotherapy.
- New approaches to desensitization in food allergy.
- Monoclonal antibody therapies in food allergy treatment.....

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### Guest Editors

Dr. José Antonio Canas

Dr. Blanca Cárdbaba

Dr. Rubén Fernández-Santamaría

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### Deadline for manuscript submissions

closed (30 October 2025)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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