

Special Issue

Recent Advances in Allergen Analysis

Message from the Guest Editor

Allergen analysis involves the identification, quantification, and characterization of allergenic substances in various samples, such as foods, environmental samples, and clinical samples. The goal is to determine the presence and concentration of specific allergens, which are substances that can trigger allergic reactions in sensitive individuals. Allergen analysis plays a crucial role in food safety, environmental monitoring, and understanding allergic diseases. Various methods are used to detect allergens, including molecular, immunological, and biochemical techniques. These methods aim to identify allergenic proteins or DNA sequences associated with allergens. Advances in allergen analysis techniques continue to emerge, contributing to improved accuracy, sensitivity, and speed of detection. Researchers and industries strive to develop methods that can better accommodate complex matrices, such as processed foods, and enhance the safety of individuals with allergies. It is the aim of this Special Issue to showcase the recent advances in analytical methodologies.

Guest Editor

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