RESEARCH MADE REAL

inbio webinar

Please find links to recordings of previous InBio' webinars below. Please contact Beattie Sturgill with any questions or comments.

Allergen Variability in Early Introduction Foods: What Have We Learned?

InBio has further developed its multiplex technology, MARIA® for Foods, to simultaneously measure up to 17 major food allergens from a single sample. This state-of-the-art technology was recently used to compare specific food allergen levels in EIF brands. The study demonstrated significant variability in the allergen concentration and dose in EIF from nine manufacturers, when tested for 17 major allergens.

Molecular Approach to Allergy Diagnostics: Innovative Products and Services

InBio has designed and created a comprehensive portfolio of allergen components for diagnostic use, including dust mite, animal, food, mold, pollen, cockroach, venom and other allergens. InBio has recently licensed a unique portfolio of **Human IgE Monoclonal Antibodies to a diverse panel of clinically important allergens.** This technological breakthrough is poised to make a *significant impact* on diagnostic applications. The human IgE monoclonal antibodies are derived from patients with a clinical history of allergic disease and an *excellent alternative to allergic-sera* for diagnostic purposes.

InBio Environmental Testing Suite and Viral Testing: Use in Product Development and Validation

InBio offers a broad range of product testing services, **including Environmental Testing Suites (ETS) and viral testing capabilities in accordance with applicable standards.** The ETS supports all stages of product development, from R&D to formulation testing and validation of end-product claims. Additionally, InBio offers viral testing services, including virucidal activity and assessments of virus viability on surfaces and in suspension. Custom testing methods can be designed to test a variety of products for virucidal efficacy, including Vaccinia virus and Human Coronavirus 229E which can support product claims against coronaviruses, including SARS-CoV-2. Utilizing the unique setup of the ETS, InBio are also developing models for viral aerosol studies, which can be customized to test the safety and efficacy of a range of anti-viral products against airborne viruses.

InBio SARS-CoV-2 Proteins and Simple T cell Test: Essential Tools for COVID-19

InBio has used its proven expertise in structural biology, protein expression and purification to manufacture a suite of recombinant SARS-CoV-2 proteins, including a full-length spike protein. Additionally, InBio is developing a rapid whole blood T cell test as part of an Innovate UK grant for assessment of vaccine or viral induced T cell response to SARS-CoV-2. The webinar covers these products in detail, providing technical background, data, and applications.

Christmas CRISPR Cat!

InBio scientists are investigating the role of Fel d 1 across all cats, both domesticated and wild. Fel d 1 is the cat allergen of choice as it accounts for 60-90% of anti-cat IgE. Significant research has been conducted at InBio to identify conserved regions of the Fel d 1 genes and to delete Fel d 1 from feline cells using CRISPR as an approach that could ultimately be used to generate Fel d 1-free cats.

Cleaning and Consumer Product Webinar

InBio has unique and customizable testing methods, alongside our unmatched expertise, to foster the development and validation of allergen removal efficacy claims. This includes testing the efficacy of home and personal care products including air purification devices, cleaning products, vacuum cleaners, carpets and textiles. The webinar covers these services in detail, providing technical background, data, and applications.

Molecular Allergy Diagnostics: Innovative Products and Resources

InBio has served the allergen diagnostic industry for over 10 years. Using our proven expertise in proteomics, InBio has designed and created a comprehensive portfolio of allergen components as well as a unique portfolio of Human IgE Monoclonal Antibodies (hIgE mAb) to a diverse panel of clinically important allergens. Join InBio scientists, together with our guest speaker Dr. Lorenz Aglas, to discuss these molecular allergy diagnostic tools and more.

Food Allergy Diagnostics- Reducing Uncertainty

Recent reports of false negative reactions upon skin testing with diagnostic food allergens raise serious concerns for food allergic patients and their health care providers. There is an urgent need for standardization of food allergen extracts. Over the past 25 years, InBio has developed a multi-faceted approach to allergen standardization which includes biochemical methods, immunoassays, mass spectrometry and human IgE monoclonal antibodies. Join InBio scientists to discuss the food allergen recalls, as well as recent advances in molecular diagnostics, standardization, and more.

The Case for Monitoring Allergen Content of Food Extracts

Dr. Martin Chapman, President and CEO of InBio, presented on the case for monitoring allergen content of food extracts at the annual Swineford Allergy Conference hosted by the University of Virginia's Division of Asthma, Allergy, and Immunology on April 13, 2024.

Food Allergen Standards: A Multi-faceted Approach for Molecular Standardization

InBio presented this webinar as part of Merck's World Standards Day. Specific allergen molecules are synonymous with the active pharmaceutical ingredients of foods/food products. The development of molecular standards for food allergens requires a multi-faceted approach using protein analysis, immunoassays for specific allergens, use of human IgE monoclonal antibodies, together with mass spectrometry.