

Contents

Molecular Nutrition Food Research

FOOD ALLERGY II

Editor: Stefan Vieths

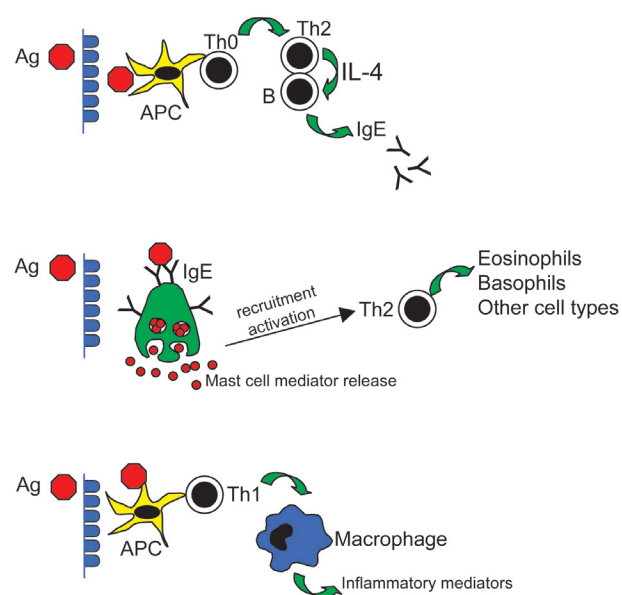
Review Articles:

Allergy assessment of foods or ingredients derived from biotechnology, gene-modified organisms, or novel foods

Lars K. Poulsen 413

T lymphocytes and food allergy

Barbara Bohle 424



Research Articles:

Evaluation of the potential allergenicity of the enzyme microbial transglutaminase using the 2001 FAO/WHO Decision Tree

Mona H. Pedersen, Tine K. Hansen, Eva Sten, Katsuya Seguro, Tomoko Ohtsuka, Akiko Morita, Carsten Bindslev-Jensen and Lars K. Poulsen 434

Food allergy to apple and specific immunotherapy with birch pollen

Kirsten Skamstrup Hansen, Marianne Søndergaard Khinchi, Per Stahl Skov, Carsten Bindslev-Jensen, Lars K. Poulsen and Hans-Jørgen Malling 441

Development of an epitope-specific analytical tool for the major peanut allergen Ara h 2 using a high-density multiple-antigenic peptide strategy*Patrick Gruber, Martin Suhr, Andreas Frey, Wolf-Meinhard Becker and Thomas Hofmann*

449

Effect of roasting history and buffer composition on peanut protein extraction efficiency*Roland E. Poms, Claudia Capelletti and Elke Anklam*

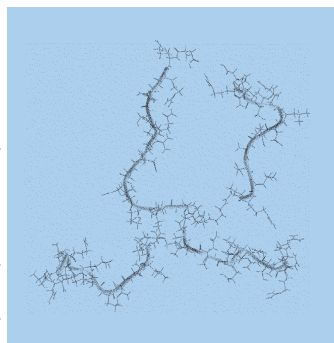
459

MNF Meetings Diary

465

Instructions to authors

466

**Contents of the first part:****FOOD ALLERGY I****Editorial: Food Allergy: Towards Understanding Allergenic Structures?***Stefan Vieths*

343

Review Articles:**Diagnosis and therapy of food allergy***Jesús F. Crespo, John M. James and Julia Rodriguez*

347

Clinical role of lipid transfer proteins in food allergy*Elide A. Pastorello and Anna M. Robino*

356

Research Articles:**Cow's milk allergens identification by two-dimensional immunoblotting and mass spectrometry***Massimo Natale, Carolina Bisson, Giovanna Monti, Amalia Peltran, Lorenza Perono Garoffo, Sabina Valentini, Claudio Fabris, Enrico Bertino, Alessandra Coscia and Amedeo Conti*

363

Recombinant tropomyosin from *Penaeus aztecus* (rPen a 1) for measurement of specific immunoglobulin E antibodies relevant in food allergy to crustaceans and other invertebrates*Åsa Marknell DeWitt, Lars Mattsson, Iris Lauer, Gerald Reese and Jonas Lidholm*

370

Immunoglobulin E-reactivity of wheat-allergic subjects (baker's asthma, food allergy, wheat-dependent, exercise-induced anaphylaxis) to wheat protein fractions with different solubility and digestibility*Diana Mittag, Bodo Niggemann, Ingrid Sander, Imke Reese, Eva-Maria Fiedler, Margitta Worm, Stefan Vieths and Gerald Reese*

380

Isolation and characterization of natural Ara h 6: Evidence for a further peanut allergen with putative clinical relevance based on resistance to pepsin digestion and heat*Martin Suhr, Daniel Wicklein, Ute Lepp and Wolf-Meinhard Becker*

390