Contents, Vol. 88, No. 1-2, 1989

Preface
Sehon, A.H  

Carl Prausnitz Memorial Lecture
Regulation of the IgE Antibody Response
Ishizaka, K  

Genes and Products in IgE Response
Emerging Picture of the Receptor with High Affinity for IgE
Metzger, H.; Blank, U.; Kinet, J.-P.; Kochan, J.; Ra, C; Rivera, J.; White, K  

Human FcεR II and IgE-Binding Factors
Delespesse, G.; Sarfati, M.; Hofstetter, H.; Frost, H.; Kilchherr, E.; Suter, U  

Interaction of IgE with Its High-Affinity Receptor. Structural Basis and Requirements for Effective Cross-Linking
Baird, B.; Shopes, R.J.; Oi, V.T.; Erickson, J.; Kane, P.; Holowka, D  

Mediators of Pathological Reactions
A Multifunctional Cytokine (IL-6/BSF-2) and Its Receptor

Involvement of Tumor Necrosis Factor and Other Cytokines in Immune-Mediated Vascular Pathology
Grau, G.E.; Piquet, P.-F.; Vasalli, P.; Lambert, P.-H  

Granulocyte/Macrophage Colony Stimulating Factor. A Potent Activation Signal for Mature Macrophages and Monocytes
Morrissey, P.J.; Grabstein, K.H.; Reed, S.G.; Conlon, P.J  

Cellular Network: Inflammatory and Allergic Reactions
Preferential Differentiation of Inflammatory Cells by Recombinant Human Interleukins

Cells and Secretagogues Involved in the Human Late-Phase Response
Charlesworth, E.N.; Iliopoulos, O.; MacDonald, S.M.; Kagey-Sabotka, A.; Lichtenstein, L.M  

Selectivity of Mediators Released by Eosinophils
Capron, M.; Tomassini, M.; Torpier, G.; Kusnierz, J.-P.; MacDonald, S.; Capron, A.  

Eosinophils and Human Disease
Gleich, G.J.; Ottesen, E.A.; Leiferman, KM.; Ackerman, S.J  

T Lymphocytes in Allergen-Induced Late-Phase Reactions and Asthma
Frew, A.I.; Corrigan, C.J.; Maestrelli, P.; Tsai, J.-J.; Kurihara, K.; O’Hehir, R.E.; Hartnell, A.; Cromwell, O.; Kay, A.B  

Interactions between Neurotransmitters and Inflammatory Cells in the Airways
Pauwels, R.; Joos, G.; Kips, J.; Van Der Straeten, M  

New Approaches to Prevention and Therapy
Interaction of Neuropeptides with Human Mast Cells
Church, M.K.; Lowman, M.A.; Robinson, C; Holgate, ST.; Benyon, R.C
The Third Histamine Receptor. Highly Potent and Selective Ligands
Schunack, W.; Schwartz, J.C 79
Structure-Activity Relationships and Effects of Platelet-Activating Factor Antagonists
in the Hetrazepine Series
Weber, K.H.; Heuer, H 82
Role of Cytokines and Platelet-Activating Factor in Micro vascular Immune Injury
Braquet, P.; Hosford, D.; Braquet, M.; Bourgain, R.; Bussolino, F 88
Usefulness of Bronchoalveolar Lavage in Asthmatics. The Right Clinical Practice
Michel, F.B.; Godard, Ph.; Bousquet, J 101
Genes and Products in IgE Response Short Communications
Interleukin 4 Acts on Both High- and Low-Density Murine B Cell Subpopulations to
Induce IgE and IgG1 Synthesis in vitro
Lebrun, P.; Lucas, A.H.; McKenzie, D.T.; Spiegelberg, H.L 108
Role of Interleukin 4 and Gamma Interferon in the Regulation of Human IgE Synthesis:
Possible Alterations in Atopic Patients
Ricci, M 111
Isotype-Specific Suppression of IgE Synthesis in a Human Myeloma Cell Line (U-266)
by an IgE-Binding Protein Derived from Normal Human Peripheral Blood Cells
Jernberg, H.; Nilsson, G.; Ahlstedt, S.; Nilsson, K 114
Formation of IgE-Binding Factors by Lymphocytes of HIV-Infected Patients
Carini, C; Margolick, J.; Yodoi, J.; Ishizaka, K 116
Interleukin 4 Dependent Induction of IgE Synthesis and CD23 Expression by the Supernatants of a Human Helper T Cell Clone
Conditioned Media from Cultured Blood Cells of Atopic Individuals Can Induce Differentiation in the Human Basophilic Leukemia Cell Line KU812
Matsson, P.; Almlöf, I.; Nilsson, K; Ahlstedt, S 122
Factors Influencing Basophilic Differentiation of HL-60 Cells
Mediators of Pathological Reactions Short Communications
Characteristics of Histamine Secretion Induced by Neuropeptides: Implications for the Relevance of Peptide-Mast Cell Interactions in Allergy and Inflammation
Pearce, F.L.; Kassessinoff, T.A.; Liu, W.L 129
Free Radicals Induce Ischemia-Reperfusion Injury and Histamine Release in the Isolated Guinea Pig Heart
Masini, E.; Gianella, E.; Palmerani, B.; Pistelli, A.; Gambassi, F.; Mannaioni, P.F. 132
Prostaglandin H Synthetase Activates Xenobiotics into Free Radicals: Histamine Release and Biochemical Characteristics
Masini, E.; Gianella, E.; Palmerani, B.; Pistelli, A.; Gambassi, F.; Mannaioni, P.F. 134
Ultraviolet A Inhibits Histamine Release from Human Peripheral Leukocytes
Ring, J.; Przybilla, B.; Eberlein, B 136
Contents 5
Chronic Glomerulonephritis: Inflammatory Mediators Stimulate the Collagen Synthesis in Glomerular Epithelial Cells Hänsch, G.M.; Torbohm, I.; Rother, K 139

Conjunctival Provocation Test as a Model for the Study of Allergy and Inflammation in Humans Bonini, S.; Bonini, St.; Berruto, A.; Tomassini, M.; Carlesimo, S.; Bucci, M.G.; Bal-sano, F 144

PAF-Acether and Experimental Anaphylaxis as a Model for Asthma Pretolani, M.; Lellouch-Tubiana, A.; Lefort, J.; Bachelet, M.; Vargaftig, B.B 149

Effect of Long-Term Administration of Platelet-Activating Factor on Pulmonary Responsiveness and Morphology in the Guinea Pig Mencia-Huerta, J.-M.; Touvay, C; Pfister, A.; Braquet, P 154

Effect of Platelet-Activating Factor on Monocyte Activation and Production of Tumor Necrosis Factor Bonavida, B.; Mencia-Huerta, J.-M.; Braquet, P 157

Effect of Long-Term Treatment with Platelet-Activating Factor on Cytokine Production by Rat Spleen Cells Pignol, B.; Hénane, S.; Mencia-Huerta, J.-M.; Braquet, P 161

Allergens
Molecular Genetics of Human Immune Responsiveness to Lolium perenne (Rye) Allergen, Lolp III (Short Communication) Ansari, A.A.; Freidhoff, L.R.; Marsh, D.G 164

Clonal Analysis of the Cellular Immune Response to the House Dust Mite Dermatophagoidees fariniae O’Hehir, R.; Young, D.; Kay, A.B.; Lamb, J 170

Allergens of the House Dust Mite Dermatophagoidees fariniae. II. Immunological Characterization of Four Allergenic Molecules Yamashita, N.; Haida, M.; Suko, M.; Okudaira, H.; Miyamoto, T 173

Age-Dependent Changes of Isotype and Idiotype Expression in the Antibody Response to the Phosphorylcholine Hapten in BALB/c Mice Gerber, V.; Ponnappan, U.; Heusser, C.H.; Cinader, B.; Blaser, K 176

Specificities of IgE and IgG Antibodies in Patients with Birch Pollen Allergy Jarolim, E.; Rumpold, H.; Endler, A.T.; Schlerka, G; Ebner, H.; Scheiner, O.; Kraft, D 180

Inhalant Allergy in Asthmatic Children: Skin Prick Test, Radioallergosorbent Test and Chemiluminescent Assay Compared with Allergen Levels in Their Mattress Dusts Price, J.A.; Reiser, J.; Longbottom, J.L.; Warner, J 183

Characterization of Immunologically Important Antigens and Allergens of Aspergillus fumigatus Longbottom, J.L.; Harvey, C; Taylor, M.L.; Austwick, P.K.C.; Fitzharris, P.; Walker, C.A 185

Cellular Network: Inflammatory and Allergic Reactions

Comparative Studies of Human Eosinophil Migration towards Platelet-Activating Factor and Leukotriene B4 Czarnetzki, B.M.; Csató, M 191

Flow-Cytometric Analysis of Increased IgE Uptake by Normal Eosinophils following Activation with PAF-Acether and Other Inflammatory Mediators Walsh, G.M.; Nagakura, T.; Iikura, Y 194

Effect of Histamine on Chemotaxis and Phagocytosis of Human Alveolar Macrophages and Blood Monocytes Radermecker, M.; Bury, T.; Saint-Remy, P 197

Contents
IgE Receptors from Rat Intestinal Mucosal and Peritoneal Mast Cells Show Mast Cell Subtype-Specific Differences
Swieter, M.; Chan, B.M.C.; Lee, T.D.G.; Rimmer, C.J.; Froese, A.; Befus, D 200

Effect of Monoclonal Antihuman IgE on Recombinant IgE{30-376} Inhibition of Specific IgE Histamine Release

Potential Role of Anti-IgE Antibodies in vivo
Stadler, B.M.; Nakajima, K.; Yang, X.; de Week, A.L 206
Nasal Mast Cell Response to Natural Allergen Exposure
Enerbäck, L.; Karlsson, G; Pipkorn, U 209

Inhibition of Human Eosinophil Chemotaxis and of the IgE-Dependent Stimulation of Human Blood Platelets by Cetirizine
De Vos, C; Joseph, M.; Leprevost, C; Vorng, H.; Tomassini, M.; Capron, M.; Capron, A 212

Modulation by Drugs of Eosinophil Recruitment Induced by Immune Challenge in the Rat. Possible Roles of Interleukin 5 and Platelet-Activating Factor
Etienne, A.; Soulard, C; Thonier, F.; Braquet, P 216
Effect of the Platelet-Activating Factor Antagonist BN 52021 on Human Natural Killer Cell Cytotoxicity
Mandi, Y.; Farkas, G.; Koltai, M.; Beladi, I.; Braquet, P 222
Formation of Oedema and Accumulation of Eosinophils in the Guinea Pig Lung. Inhibition by Inhaled Beta-Stimulants
Fügner, A 225

Antiasthmatic Effects of Onions. Prevention of Platelet-Activating Factor Induced Bronchial Hyperreactivity to Histamine in Guinea Pigs by Diphenylthiosulfinate
Dorsch, W.; Scharff, J.; Bayer, T.; Wagner, H 228
Effect of Ricin on the Proliferation of Rat Spleen and Mesenteric Lymph Node Cells
Effect of Neonatal or Later Capsaicin Treatment on Bronchial Reactivity in Sensitized Rats. Relation to Humoral Changes
Nilsson, G; Alving, K.; Lundberg, J.M.; Ahlstedt, S 234
Relationship between Bacteria and IgE
Levy, D.A.; Dorat, A.; Pinel, A.-M.; Normier, G.; Dussourd D’Hinterland, L; David, B 237

Effect of Nedocromil Sodium on S02-Induced Airway Hyperresponsiveness and Citric Acid-Induced Cough in Dogs
Eady, R.P.; Jackson, D.M 240

Study of the Antiallergic Component of Inosine Pranobex (Inosiplex, Isoprinosine)
Schmutzler, W.; Neukirch, B.; Ziesche, R 244
IgG and IgE Antibodies after Immunotherapy with Bee and Wasp Venom
Ikura, Y.; Akimoto, K.; Odajima, Y.; Akazawa, A.; Nagakura, T 250

Inhibition of Histamine and Prostaglandin D2 Release from Human Lung Mast Cells by
Ciclosporin A
Triggiani, M.; Cirillo, R.; Lichtenstein, L.M.; Marone, G 253
Immune Reactions in a Changing Environment. USA Initiatives
G. Goldstein
R.A 256
Author Index 259