

SUGGESTIONS WELCOME

List of Literature for preparation of EAACI-UEMS examination

You are not expected to read all, this would be impossible: it is just a suggestion for updating your knowledge or satisfying your curiosity. If you feel a lack of knowledge, some of these publications may help.

As an allergologists/immunologist, you are expected to have a basic understanding of immunology and its implication in the daily clinical practice.

Books:

Basic Immunology:

- Abbas A et al. Cellular and molecular Immunology, Saunders, 2005 or later (also short version)
- Janeway Ch, et al. Immunobiology, 2005 or later
- Mini Primer on allergic and immunologic diseases; edt. W T. Shearer & D. Y.M. Leung, JACI Issue 2, Supplement 2, S 363-426, 2008
- And many more

Clinical Immunology

- Chapel H. Clinical Immunology, 2006
- Rich R et al, Clinical Immunology 2008
- Schoenfeld Y., Autoimmune Diseases and Treatment : organ specific and systemic disorders (2006)
- Annals of Allergy, Asthma & Immunology May 2005, Volume 94, Number 5, Supplement 1: Practice Parameter for the Diagnosis and Management of Primary Immunodeficiency

Allergology:

- Middleton E et al: etc. Allergy, principles and practice 2005
- Kay B et al. Allergy and allergic diseases, 2008
- And many more

Specific topics:

- Müller U. Insect sting Allergy. Gustav Fischer Verlag, Stuttgart New York 1990.
- Pichler WJ (edt) Drug Hypersensitivity, Karger 2007
- Internet: <http://www.allergome.org> or other homepages
- Lockey RF, Bukantz SC, Bousquet J. Allergens and allergen immunotherapy, 3rd edition, New York, Basel, 2004.
- Bernstein IL, Chan Yeung M, Malo JL, Bernstein DI. Asthma in the work place. Eds Taylor Francis, New York, London, 2006.

Local (non-English) books are welcome if accepted/recommended by the local societies.

Further recommendations are welcome. Please send them to WJ Pichler, Werner.Pichler@insel.ch

Publications:

- a) Position papers of EAACI, AAACI, BSACI, local societies

b) Original papers and reviews: There are many papers and reviews which are helpful to provide a base for the topics asked for in the exam.

c) the articles marked with *) in basic and clinical immunology belongs to a series of well written review articles about the immune system, which help to recapitulate your knowledge.

This is a selection at random: it consists of classical review articles, but also some articles addressing special topics, often proposed by creators of questions. Further suggestions are welcome !

(Basic and clinical) Immunology

- Akdis CA, Blaser K, Akdis M. Apoptosis in tissue inflammation and allergic disease. *Curr Opin Immunol* 2004; 16: 717-23.
- Andrian UH, Mackay CR. T-Cell Function and Migration — Two Sides of the Same Coin. *N Engl J Med* 2000; 343:1020*
- Bellinghausen I, Metz G, Enk AH, Christmann S, Knop J, Saloga J. Insect venom immunotherapy induces interleukin-10 production and a Th2-to-Th1 shift, and changes surface marker expression in venom-allergic subjects. *Eur J Immunol* 1997; 27: 1131-9.
- Bettelli E, Carrier Y, Gao W, Korn T, Strom TB, Oukka M, Weiner HL, Kuchroo VK. Reciprocal developmental pathways for the generation of pathogenic effector TH17 and regulatory T cells. *Nature* 2006;11; 441: 235-8.
- Bousquet J et al. Allergic rhinitis and its impact on asthma. *J. Allergy Clin Immunol* 2001; 108:147-334.
- Braunstahl GJ et al. Segmental bronchoprovocation in allergic rhinitis patients affects mast cell and basophil numbers in nasal and bronchial mucosa. *Am J Respir Crit Care Med* 2001; 164: 858-65.
- Davidson A, Diamond B. Autoimmune Diseases. *N Engl J Med* 2001; 345:340*
- Delves PJ, Roitt IM. The Immune System: First of Two Parts. *N Engl J Med* 2000; 343:37*
- Delves PJ, Roitt IM, The Immune System: Second of Two Parts. *N Engl J Med* 2000; 343:108*
- Francis JN, Till SJ, Durham SR. Induction of IL-10+CD4+CD25+ T cells by grass pollen immunotherapy. *J Allergy Clin Immunol* 2003; 111:1255-61.
- Jiang H, Chess L. Regulation of Immune Responses by T Cells. *N Engl J Med* 2006; 54:1166*
- Jutel M, Akdis M, Budak F, Aebischer-Casaulta C, Wrzyszc M, Blaser K, Akdis CA. IL-10 and TGF-beta cooperate in the regulatory T cell response to mucosal allergens in normal immunity and specific immunotherapy. *Eur J Immunol* 2003; 33: 1205-14.
- Kaisho T, Akira S. Toll-like receptor function and signaling. *J. Allergy Clin Immunol* 2006: 117: 979-87.
- Kamradt T, Mitchison NA. Tolerance and Autoimmunity. *N Engl J Med* 2001; 344:655*
- Kay AB. Allergy and Allergic Diseases: First of Two Parts. *N Engl J Med* 2001; 344:30*
- Linden A, Adachi M. Neutrophilic airway inflammation and IL-17. *Allergy* 2002; 57: 769-75.
- Medzhitov R, Janeway C Jr. Innate Immunity. *N Engl J Med* 2000; 43:338*
- Rhen T, Cidlowski JA. Antiinflammatory Action of Glucocorticoids — New Mechanisms for Old Drugs. *N Engl J Med* 2005; 353:1711*
- Schwartz RS. Diversity of the Immune Repertoire and Immunoregulation. *N Engl J Med* 2003; 348:1017*
- Vercelli D. Immunoglobulin E and its regulators. *Curr Opin Allergy Clin Immunol* 2001; 1: 61-5.
- Walport MJ. Complement: First of Two Parts. *N Engl J Med* 2001; 344:1058*
- Walport MJ. Complement: Second of Two Parts. *N Engl J Med* 2001; 344:1140*
- Weyand CM, Goronzy JJ. Medium- and Large-Vessel Vasculitis. *N Engl J Med* 2003; 349:160*

- Woodfolk JA. T-cell responses to allergens. *J. Allergy Clin Immunol* 2007; 119: 280-94.

Immune deficiency: you should know the most common ID and those where a distinction to allergic diseases have to be made or where atopic disorders are frequent (eczema, high IgE,...).

- Marciano BE, Rosenzweig SD, Kleiner DE, Anderson VL, Darnell DN, Anaya-O'Brien S, Hilligoss DM, Malech HL, Gallin JI, Holland SM. Gastrointestinal involvement in chronic granulomatous disease. *Pediatrics* 2004; 114: 462-8.
- Chapel H, Geha R, Rosen F for the IUIS PID Classification Committee. Primary immunodeficiency diseases: an update. *Clin Exp Immunol* 2003; 132: 9-15.
- Cicardi M, Zingale LC. The deficiency of C1 inhibitor and its treatment. *Immunobiology* 2007; 212: 325-31.
- Conley ME, Howard V. Clinical findings leading to the diagnosis of X-linked agammaglobulinemia. *J Pediatrics* 2002; 141: 566-571.
- Cunningham-Rundles C, Bodian Carol. Common Variable Immunodeficiency: Clinical and Immunological Features of 248 patients. *Clin Immunol* 1999; 92: 34-48.
- De Laat PC, Weemaes CM, Gonera R, Van Munster PJ, Bakkeren JA, Stoelinga GB. Clinical manifestations in selective IgA deficiency in childhood. A follow-up report. *Acta Paediatr Scand.* 1991; 80: 798-804.
- Geha RS et al. Primary immunodeficiency diseases: An update from the International Union of Immunological Societies Primary Immunodeficiency Diseases Classification Committee. *J Allergy Clin Immunol* 2007; 120: 776-94.
- Mark Ballow. Primary immunodeficiency disorders: Antibody deficiency. *The Journal of Allergy and Clinical Immunology* 2002; 109: 581-91.
- Notarangelo L, Casanova JL, Conley ME et al. Primary immunodeficiency diseases: An update from the International Union of Immunological Societies Primary Immunodeficiency Diseases Classification Committee Meeting Budapest, 2005. *J Allergy Clin Immunol* 2006; 117: 883-96.
- Primary Immunodeficiency Diseases. Report of an IUIS Scientific Committee. *Clin Exp Immunol* 1999; 118: 1-28.
- Torgerson TR, Ochs HD. Immune dysregulation, polyendocrinopathy, enteropathy, X-linked: forkhead box protein 3 mutations and lack of regulatory T cells. *J Allergy Clin Immunol*, 2007; 120: 744-50.
- Wood P, Stanworth S, Wood P, Stanworth S, Burton J, Jones A, Peckham DG, Green T, Hyde C, Chapel H; UK Primary Immunodeficiency Network. Recognition, clinical diagnosis and management of patients with primary antibody deficiencies: a systematic review. *Clinical and Experimental Immunology* 2007; 149: 410–23.

Autoimmunity

- Black CM. Scleroderma-clinical aspects. *J Intern Med* 1993; 234: 115-8
- Cervera R, Piette JC, Font J, Khamashta MA, Shoenfeld Y, Camps MT, Jacobsen S, Lakos G, Tincani A, Kontopoulou-Griva I, Galeazzi M, Meroni PL, Derksen RH, de Groot PG, Gromnica-Ihle E, Baleva M, Mosca M, Bombardieri S, Houssiau F, Gris JC, Quéré I, Hachulla E, Vasconcelos C, Roch B, Fernández-Nebro A, Boffa MC, Hughes GR, Ingelmo M; Euro-Phospholipid Project Group. Antiphospholipid syndrome: clinical and immunologic manifestations and patterns of disease expression in a cohort of 1,000 patients. *Arthritis Rheum* 2002; 46: 1019-27.
- Finazzi G, Brancaccio V, Moia M, Ciavarella N, Mazzucconi MG, Schinco PC, Ruggeri M, Pogliani EM, Gamba G, Rossi E, Baudo F, Manotti C, D'Angelo A, Palareti G, De Stefano V, Berrettini M, Barbui T. Natural history and risk factors for thrombosis in 360 patients with antiphospholipid antibodies: a four-year prospective study from the Italian Registry. *Am J Med* 1996; 100: 530-6.
- Hagen EC, Daha MR, Hermans J, Andrassy K, Csernok E, Gaskin G, Lesavre P, Lüdemann J, Rasmussen N, Sinico RA, Wiik A, van der Woude FJ. Diagnostic value of standardized assays for

anti-neutrophil cytoplasmic antibodies in idiopathic systemic vasculitis. EC/BCR Project for ANCA Assay Standardization. *Kidney Int* 1998; 53: 743-53.

- Livi R, Teghini L, Pignone A, Generini S, Matucci-Cerinic M, Cagnoni M. Renal functional reserve is impaired in patients with systemic sclerosis without clinical signs of kidney involvement. *Ann Rheum Dis* 2002; 61: 682-6.
- Marie I, Dominique S, Levesque H, Ducrotté P, Denis P, Hellot MF, Courtois H. Esophageal involvement and pulmonary manifestations in systemic sclerosis. *Arthritis Rheum* 2001; 45: 346-54.
- Petri M. Exogenous estrogen in systemic lupus erythematosus: oral contraceptives and hormone replacement therapy. *Lupus* 2001; 10: 222-6.

Allergens: a profound knowledge of the most frequent allergen classes and the principles of molecular allergology and basis for cross-reactivity is expected

- Asturias JA, Ibarrola I, Ferrer A, Andreu C, López-Pascual E, Quiralte J, Florido F, Martínez A. Diagnosis of *Alternaria alternata* sensitization with natural and recombinant Alt a 1 allergens. *J Allergy Clin Immunol* 2005; 115: 1210-7.
- Bush RK, Prochnau JJ. *Alternaria*-induced asthma. *J Allergy Clin Immunol* 2004; 113: 227-34.
- Buters JT, Kasche A, Weichenmeier I, Schober W, Klaus S, Traidl-Hoffmann C, Menzel A, Huss-Marp J, Kramer U, Behrendt H. Year-to-year variation in release of Bet v 1 allergen from birch pollen: evidence for geographical differences between West and South Germany. *Int Arch Allergy Immunol* 2008; 145: 122-30.
- D'Amato G, Spiekma FT, Liccardi G, Jäger S, Russo M, Kontou-Fili K, Nikkels H, Wüthrich B, Bonini S. Pollen-related allergy in Europe. *Allergy* 1998; 53: 567-78.
- D'Amato G, Lobefalo G. Allergenic pollens in the southern Mediterranean area. *J Allergy Clin Immunol* 1989; 83: 116-22.
- Fernandez-Caldas et al. Mite allergens in Lockey RF, Bukantz SC, Bousquet J. Allergens and allergen immunotherapy, 3rd edition, New York, Basel, 2004 ; 251-70.
- Radauer C, Breiteneder H. Pollen allergens are restricted to a few protein families and show distinct patterns of species distribution. *J Allergy Clin Immunol* 2006; 117: 141-147.
- Tovey E, Marks G. Methods and effectiveness of environmental control. *J Allergy Clin Immunol* 1999; 103: 179-91.
- Tovey ER, Tovey ER, Chapman MD, Wells CW, Platts-Mills TA. The distribution of dust-mite allergens in the houses of patients with asthma. *Am Rev Respir Dis* 1981; 124: 630-5.
- Van Ree R. Carbohydrate epitopes and their relevance for the diagnosis and treatment of allergic diseases. *Int Arch Allergy Immunol* 2002; 129: 189-97.
- Pauli G. Evolution in the understanding of cross-reactivities of respiratory allergens: the role of recombinant allergens. *Int Arch Allergy Immunol*. 2000; 123: 183-95.
- Valenta R, Niederberger V. Recombinant allergens for immunotherapy. *J Allergy Clin Immunol* 2007; 119: 826-30.

Mastocytosis

- Escribano L, Akin C, Castells M, Orfao A, Metcalfe DD. Mastocytosis: Current concepts in diagnosis and treatment. *Ann Hematol* 2002; 81: 677-90.
- Schwartz LB, Irani AM. Serum tryptase and the laboratory diagnosis of systemic mastocytosis. *Hematol Oncol Clin North Am* 2000; 16: 641-57.
- Valent P, Horny HP, Escribano L, Longley BJ, Li CY, Schwartz LB, Marone G, Nuñez R, Akin C, Sotlar K, Sperr WR, Wolff K, Brunning RD, Parwaresch RM, Austen KF, Lennert K, Metcalfe DD, Vardiman JW, Bennett JM. Diagnostic criteria and classification of mastocytosis: a consensus proposal. *Leuk-Res* 2001; 25: 603-25.

Eosiniphilia

- Cools J, DeAngelo DJ, Gotlib J, Stover EH, Legare RD, Cortes J, Kutok J, Clark J, Galinsky I, Griffin JD, Cross NC, Tefferi A, Malone J, Alam R, Schrier SL, Schmid J, Rose M, Vandenberghe P, Verhoef G, Boogaerts M, Wlodarska I, Kantarjian H, Marynen P, Coutre SE, Stone R, Gilliland DG. A tyrosine kinase created by fusion of the PDGFRA and FIP1L1 genes as a therapeutic target of imatinib in idiopathic hypereosinophilic syndrome. *NEJM* 2003; 348:1201-14.
- Simon D, Simon HU. Eosinophilic disorders. *J Allergy Clin Immunol.* 2007 Jun;119(6):1291-300

Anaphylaxis

- Mertes PM, Laxenaire MC, Lienhart A, Aberer W, Ring J, Pichler WJ, Demoly P; Working Group for the SFAR; ENDA; EAACI Interest Group on Drug Hypersensitivity. Reducing the risk of anaphylaxis during anaesthesia: guidelines for clinical practice. *J Investig Allergol Clin Immunol* 2005; 15: 91-101.
- Pumphrey RS. Lessons for management of anaphylaxis from a study of fatal reactions. *Clin Exp Allergy* 2000; 30: 1144-50.

Asthma

- Asthma in the work place. Bernstein IL, Chan Yeung M, Malo JL., Bernstein DI. Eds Taylor Francis New York London, 1 vol., 2006, 875 p
- Capao-Filipe M, Moreira A, Delgado L, Rodrigues J, Vaz M. Exercise-induced Bronchoconstriction and respiratory symptoms in elite athletes. *Allergy* 2003; 58: 1196.
- Carlsen KH, Delgado L, Del Giacco S, editors. Diagnosis, Prevention and Treatment of Exercise-Related Asthma, Respiratory and Allergic Disorders in Sports. European Respiratory Monograph, Vol 10, 2005. Charlesworth Group, Wakefield, UK, ISBN 1-904097-54-5.
- Castells MC, Horan RF, Sheffer AL. Exercise-induced anaphylaxis (EIA). *J Allergy Clin Immunol* 1999; 17: 413-424.
- Hicks M, Brugman SM, Katial R. Vocal cord dysfunction/paradoxical vocal fold motion. *Prim Care.* 2008 Mar;35(1):81-103.
- Humbert M, Beasley R, Ayres J, Slavin R, Hebert J, Bousquet J, Beeh KM, Ramos S, Canonica GW, Hedgecock S, Fox H, Blogg M, Surrey K. Benefits of omalizumab as add-on therapy in patients with severe persistent asthma who are inadequately controlled despite best available therapy (GINA 2002 step 4 treatment): INNOVATE. *Allergy* 2005; 60: 309-16.
- Lemièrè C, Biagini RE, Zeiss CR. Immunological and inflammatory assessments in Asthma in the work place. Bernstein IL, Chan Yeung M, Malo JL., Bernstein DI. Eds Taylor Francis New York London, 1 vol., 2006, 875 p, pp 179-191.
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- Powell DM, Karanfilov BI, Beechler KB, Treole K, Trudeau MD, Forrest LA. Paradoxical vocal cord dysfunction in juveniles. *Arch Otolaryngol Head Neck Surg* 2000; 126: 29-34.
- Rihs HP, Dumont B, Rozynek P, Lundberg M, Cremer R, Brüning T, Raulf-Heimsoth M. Molecular cloning, purification and IgE binding properties of recombinant class I chitinase from *Hevea Brasiliensis* leaves (r Hev b 11 01.02). *Allergy* 2003, 58, 246-51.
- Romano A, Di Fonso M, Giuffreda F, Quaratino D, Papa G, Palmieri V, Zeppilli P, Venuti A. Diagnostic work-up for food dependent exercise-induced anaphylaxis. *Allergy* 1995; 50: 817-24.
- Simpson JL, Scott R, Boyle MJ, Gibson PG. Inflammatory subtypes in asthma: assessment and identification using induced sputum. *Respirology* 2006; 11: 54-61.
- Vandenplas O, Ghezzi H, Munoz X, Moscato G, Perfetti L, Lemièrè C, Labrecque M, L'Archevêque J, Malo JL. What are the questionnaire items most useful in identifying subjects with occupational asthma? *Eur Respir J*, 2005; 26: 1056-63.

- Vandeplass O, Beezhold T., Tarlo S.M. Latex allergy in Asthma in the work place. Bernstein IL, Chan Yeung M, Malo JL., Bernstein DI. Eds Taylor Francis New York London, 1 vol., 2006, 875 p, pp 437-461
- Wilber RL, Rundell KW, Szmedra L, Jenkinson DM, Im J, Drake SD. Incidence of exercise-induced bronchospasm in Olympic Winter sports athletes. *Med. Sci Sports Exerc* 2000; 31: 732-37.

Drug Allergy

- Aberer W, Bircher A, Romano A, Blanca M, Campi P, Fernandez J, Brockow K, Pichler WJ, Demoly P. Drug provocation testing in the diagnosis of drug hypersensitivity reactions: general considerations. *Allergy* 2003; 58: 854-63.
- Bigby M, Jick S, Jick H, Arndt K. Drug induced cutaneous reactions. A report from the Boston collaborative drugs surveillance program on 15,238 consecutive in-patients, 1975-1982. *JAMA* 1986; 256: 3358-63.
- Brockow K, Christiansen C, Kanny G, Clement O, Barbaud A, Bircher A, Dewachter P, Gueant JL, Rodriguez Gueant RM, Mouton-Faivre C, Ring J, Romano A, Sainte-Laudy J, Demoly P, Pichler WJ. Management of hypersensitivity reactions to iodinated contrast media. *Allergy* 2005; 60: 150-8.
- Demoly P, Viola M, Gomes ER, Romano A. Epidemiology and causes of drug hypersensitivity. *Drug Hypersensitivity*. Karger, ed. by Pichler WJ; Karger, Basel 2007: pp 2-17.
- Hung SI, Chung WH, Jee SH, Chen WC, Chang YT, Lee WR, Hu SL, Wu MT, Chen GS, Wong TW, Hsiao PF, Chen WH, Shih HY, Fang WH, Wei CY, Lou YH, Huang YL, Lin JJ, Chen YT. Genetic susceptibility to carbamazepine-induced cutaneous adverse drug reactions. *Pharmacogenetics Genomics* 2006; 16: 297-306.
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- Knowles SR, Shapiro LE, Shear NH. Anticonvulsant hypersensitivity syndrome: incidence, prevention and management. *Drug Saf* 1999; 21: 489-501.
- Lee CW, Matulonis UA, Castells MC. Carboplatin hypersensitivity: a 6-h 12-step protocol effective in 35 desensitizations in patients with gynecological malignancies and mast cell/IgE-mediated reactions. *Gynecol Oncol* 2004; 95: 370-6.
- Manfredi M, Severino M, Testi S, Macchia D, Ermini G, Pichler WJ, Campi P. Detection of specific IgE to quinolones. *J Allergy Clin Immunol*. 2004; 113: 155-60.
- Martin AM, Nolan D, Gaudieri S, Almeida CA, Nolan R, James I, Carvalho F, Phillips E, Christiansen FT, Purcell AW, McCluskey J, Mallal S. Predisposition to abacavir hypersensitivity conferred by HLA-B*5701 and a haplotypic Hsp70-Hom variant. *Proc Natl Acad Sci U S A* 2004; 101: 4180-5.
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- Pichler WJ. Delayed drug hypersensitivity reactions. *Ann. Int. Med.* 2003; 139: 683-93.
- Romano A, Gueant-Rodriguez RM, Viola M, Pettinato R, Gueant JL. Cross-reactivity and tolerability of cephalosporins in patients with immediate hypersensitivity to penicillins. *Ann Intern Med* 2004; 141: 16-22.

- Sidoroff A, Halevy S, Bavinck JN, Vaillant L, Roujeau JC. Acute generalized exanthematous pustulosis (AGEP)--a clinical reaction pattern. *J Cutan Pathol.* 2001; 113-9.

Side effects to biological agents:

- Pichler WJ. Adverse side-effects to biological agents. *Allergy.* 2006 Aug; 61: 912-20.

Mechanism of disease:

- Pichler WJ. Delayed drug hypersensitivity reactions. *Ann Intern Med* 2003 21; 139: 683-93.

Provocation tests:

- Aberer W, Bircher A, Romano A, Blanca M, Campi P, Fernandez J, Brockow K, Pichler WJ, Demoly P; European Network for Drug Allergy (ENDA); EAACI interest group on drug hypersensitivity. Drug provocation testing in the diagnosis of drug hypersensitivity reactions: general considerations. *Allergy* 2003; 58: 854-63.

Radio contrast Media:

- Brockow K, Christiansen C, Kanny G, Clement O, Barbaud A, Bircher A, Dewachter P, Gueant JL, Rodriguez Gueant RM, Mouton-Faivre C, Ring J, Romano A, Sainte-Laudy J, Demoly P, Pichler WJ; ENDA; EAACI interest group on drug hypersensitivity. Management of hypersensitivity reactions to iodinated contrast media. *Allergy.* 2005; 60: 150-8.

Immunotherapy

- Alvarez-Cuesta E, Bousquet J, Canonica GW, Durham SR, Malling HJ, Valovirta E; EAACI, Immunotherapy Task Force. Standards for practical allergen-specific immunotherapy. *Allergy* 2006; 61(suppl. 82): 1-20.
- Bagnasco M, Passalacqua G, Villa G, Augeri C, Flamigni G, Borini E, Falagiani P, Mistrello G, Canonica GW, Mariani G. Pharmacokinetics of an allergen and a monomeric allergoid for oromucosal immunotherapy in allergic volunteers. *Clin. Exp. Allergy* 2001; 31: 54-60.
- Bagnasco M, Mariani G, Passalacqua G, Motta C, Bartolomei M, Falagiani P, Mistrello G, Canonica GW. Absorption and distribution kinetics of the major *Parietaria judaica* allergen (Par j 1) administered by noninjectable routes in healthy human beings. *J Allergy Clin Immunol* 1997; 100: 121-9.
- Bonifazi F, Jutel M, Biló BM, Birnbaum J, Muller U; EAACI Interest Group on Insect Venom Hypersensitivity. Prevention and treatment of hymenoptera venom allergy: guidelines for clinical practice. *Allergy* 2005; 60:1459-70.
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- Gehlhar K, Schlaak M, Becker W, Bufe A. Monitoring allergen immunotherapy of pollen-allergic patients: the ratio of allergen-specific IgG4 to IgG1 correlates with clinical outcome. *Clin Exp Allergy* 1999; 29: 497-506.
- Horner AA, Takabaysahi K, Zubeldia JM, Raz E. Immunostimulatory DNA-based therapeutics for experimental and clinical allergy. *Allergy* 2002; 57: 24-9.
- Larché M, Akdis CA, Valenta R. Immunological mechanisms of allergen-specific immunotherapy. *Nature Rev Immunol* 2006; 6: 761-71.
- Nouri-Aria K, Wachholz TPA, Francis JN, Jacobson MR, Walker SM, Wilcock LK, Staple SQ, Aalberse RC, Till SJ, Durham SR. Grass pollen immunotherapy induces mucosal and peripheral IL-10 responses and blocking IgG activity. *J Immunol* 2004; 172: 3252-9.

- Passalacqua G, Canonica GW. Sublingual immunotherapy: Update 2006. *Curr Opin Allergy Clin Immunol* 2006; 6: 449-54.
- Pilette C, Nouri-Aria KT, Jacobson MR, Wilcock LK, Detry B, Walker SM, Francis JN, Durham SR. Grass pollen immunotherapy induces an allergen-specific IgA2 antibody response associated with mucosal TGF-beta expression. *J-Immunol.* 2007; 178: 4658-66.
- Robinson DS, Larché M, Durham SR. T-regs and allergic disease. *J. Clin Invest* 2004; 114: 1389-97.
- Till SJ, Francis JN, Nouri-Aria K, Durham SR. Mechanisms of immunotherapy. *J Allergy Clin Immunol* 2004; 113: 1025-34.
- van Neerven RJ, Knol EF, Ejrnaes A, Würtzen PA. IgE-mediated allergen presentation and blocking antibodies: regulation of T-cell activation in allergy. *Int Arch Allergy Immunol.* 2006 ; 141 (2) : 119-29.
- World Health Organization Position Paper. Allergen immunotherapy: Therapeutical vaccines for allergic diseases. Bousquet J, Lockey R, Malling HJ eds. *Allergy* 1998; 53 (suppl 52):3-15

Atopic Dermatitis

- Hamilton RG, Franklin Adkinson N Jr. In vitro assays for the diagnosis of IgE-mediated disorders. *J Allergy Clin Immunol* 2004; 114: 213-25.

Rhinosinusitis

- European Position Paper on Rhinosinusitis and Nasal Polyposis. *Rhinology*, Supplement 20, 2007 (www.rhinologyjournal.com; www.eaaci.net)
- Bousquet J, Van Cauwenberge P, Khaltaev N; Aria Workshop Group; World Health Organization. Allergic rhinitis and its impact on asthma. *J. Allergy Clin Immunol* 2001; 108: S147-334.
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Urticaria/Angioedema

- Banerji A, Weller PF, Sheikh J. Cytokine-associated angioedema syndromes including episodic angioedema with eosinophilia (Gleich's Syndrome). *Immunol Allergy Clin North Am* 2006; 26: 769-81.
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