

Daftar Pustaka

- Abbas AK, Lichtman AH, Pillai A 2007.** Cytokines. In: Cellular and Molecular Immunology. 6 th ed. Philadelphia : Elsevier, 2007.p.267-301
- Achadi A, Soerojo W, Barber S 2004.** The relevance and prospects of advancing tobacco control in Indonesia. *Health Pol* 72, 333-49
- Alebuff DJ1992.** Allergic rhinitis. In: Otolaryngology-Head and Neck Surgery Cumming CW Mosby – Year Book Boston; p 763-73.
- Anesi-Maesano, Oryszczyn MP, Raherison C, KopferschmittC, Pauli G, Taytard A, Tunonde LaraM, BerbloetD, Charpin D 2004.** Increased prevalence of asthma and allied diseases among active adolescent tobacco smokers after controlling for passive smoking exposure. A cause to concern? *Clin Exp Allergy* ; 34: 1017-1023
- Biagini. JM, LeMaster GK, Ryan PH et al 2006.** Environmental risk factors of rhinitis in early infancy. *Pediatr Allergy Immunol* ;17:278-284
- Broide DH 2006.** Cytokines, Chemokines, and Adhesion Proteins. In : Allergy.3rd ed.Philadelphia, Elsevier.p.329-49
- Bousquet and ARIA Workshop Group 2001.** Diagnosis and assessment of severity. *J. Allergy Clin Immunol* ; 108: S 208-20
- Bousquet J, Bullinger M, Fayol C et al 1994.** Assessment of quality of life patients with perennial allergic rhinitis with the French versions of the SF-36 health status questionnaire. *J All Clin Immunol* ; 94:182-8 (19)
- Boyles JH 2011.** A comparison of techniques for evaluating IgE-mediated allergies. *Ear Nose Throat J.* 90 (4) 164-9
- Caamano J, Hunter CA 2002.** NFkB family of transcription factors: central regulators of innate and adaptive immune functions. *Clinical Microbiological Reviews.* 414-29
- Canonica GW, Compalati E 2009.** Minimal persistent inflammation in allergic rhinitis: implications for current treatment strategies. *Clinical and Experimental Immunology*; 158 : 260-71
- Cauwenberge P, Bachert C, Passalacqua G, Bousquet J, Canonica W, Durham SI 2000.** Position Paper; Consensus statement on the treatment of allergic rhinitis. *Allergy* ; 55:116-134.

- Castellazzi AM 2000.** Passive smoking and immune functions. In : Watson RR, Witton M, ed. Environmental Tobacco Smoke. 1st ed. Florida : CRC Press LLC;p.289-99
- Chandel NS, Trzyna WC, McClintock DS, Schumacher PT 2000.** Role of oxidants in NFkB activation and TNF-alpha gene transcription induced by hypoxia and endotoxin. *J Immunol* 165 (2): 1013-21
- Concise International Chemical Assessment Document 43,** Acrolein, World Health Organization, Geneva, 2002
- Davila I, Mullol J, Ferrer M, Bartra J, del Cuvillo A, Montoro J, Jaurergui I, Sastre J, Valero A 2009.** Genetic aspects of Allergic Rhinitis. *J Investig Allergol Clin Immunol* ; 19 (1) 25-31
- De Beyer J, Yurekli AA 2000.** Curbing the tobacco epidemic in Indonesia. Watching brief, east asia and the pacific region. May, 6: 1-9
- Del-Rio-Navarro BE, Luna-Pech JA, Berber A, Zepeda-Ortega B, Avila-Castanon L, Del-Rio-Chivardi JM, Baeza-Bacab M, Sienra-Monge JJL 2007.** Factors associated with allergic rhinitis in children from northern Mexico city. *J Investig Allergol Clin Immunol* ; 17(2): 77-84
- Diaz-Sanchez D, Rumold R, Gong H 2006.** Challenge with environmental tobacco smoke exacerbates allergic airway disease in human beings. *J All Clin Immunol* ;118:441-6
- Einhorn IN, 1975.** Physiological and toxicological aspects of smoke produced during the combustion of polymeric materials. *Environ Health Perspec*; 11:163-89
- Eisner MD, Blanc PD 2000.** Environmental tobacco smoke and adult asthma. In : Watson RR, Witton M, ed. Environmental Tobacco Smoke. 1st ed. Florida : CRC Press LLC;p.81-106
- Fang BJ, Tonelli LH, Soriano JJ, Postolache TT. 2010.** Frontier in bioscience S2, 30-46
- Feleszko W, Zawadzka-Krajewska A, Matysiak K et al 2006.** Parental tobacco smoking is associated with augmented IL-13 secretion in children with allergic asthma. *J All Clin Immunol* ;117:97-102
- Gupta SC, Sundaram C, Reuter S, Aggarwal BB 2010.** Inhibiting NFkB activation by small molecules as a therapeutic strategy. *Biochim Biophys Acta* ; 1799(10-12). 775-87

- HEI Air toxics Review Panel, 2007.** Mobile-Source Air Toxics : A Critical Review of the Literature on Exposure and Health Effects. HEI special Report 16. Health Effects Institute, Boston, MA.
- Hinwood AL, Rodriguez CM 2005.** Potential health impacts associated with peat smoke : a review. *Journal of the Royal Society of Western Australia*, 88 :133-8
- Hoppin JA, Jaramillo R, Salo P, Sandler DPLondon SJ, Zeldin DC 2011.** Questionnaire predictors of atopy in a US population sample : Findings from the National Health and Nutrition Examination survey, 2005-2006. *Am J Epidemiol* ; 173: 544-52
- Huttunen K, Tiihonen K, Roponen M, Heederick D, Zock J, Taubel M, Hyvarinen A, Hirvonen M 2014.** The effect of assay and sample matrix on detected cytokine concentrations in human blood serum and nasal lavage fluid. *J of Pharmaceutical and Biomedical Analysis*: 96, 151-5
- Janeway CA 2008.** T Cell-Mediated Immunity. In : Janeway's Immuno Biology. 7th ed.New York, Garland Publishing; p.323-377
- JiaLH, LiuZB, SunLJ, MillerSS, AmesBN, CotmanCW, LiuJK 2007.** Acrolein, a Toxicant in Cigarette Smoke, Causes Oxidative Damage and Mitochondrial Dysfunction in RPE Cells : Protection by (R)- α -Lipoic acid. *Invest Ophthalmol Vis Sci*. 48(1) 339-48
- Juniper EF1997.** Measuring health-related quality of life in rhinitis. *J All Clin Immunol* ; 99:S742-9
- Kalpaklioglu AF, Baccloglu A 2008.** Evaluation of Quality of Life : Impact of Allergic Rhinitis on Asthma. *J Investig Allergol Clin Immunol* ; 18 (3): 168-73
- Kehrer JP, Biswal SS 2000.** The Molecular effects of Acrolein. *Toxicological Sciences*. 57, 6-15
- Kim BJ, Mun SK 2010.** Objective measurements using the Skin Prick Test in Allergic Rhinitis. *Arch Otolaryngol Head Neck Surg*. 136 (11) 1104-6
- Kirtsreesakul V, Somjareonwattana P, Ruttanaphol S 2010.** Impact of IgE-mediated Hypersensitivity on Masal Mucociliary Clearance. *Arch Otolaryngol Head Neck Surg*. 136 (8) 801-6
- Klimek L, Schendzielorz 2008.** Early detection of allergic diseases in otorhinolaryngology. *GMS current topics in Otorhinolaryngology- Head and Neck surgery* . 7. 1-25
- Koppelman GH 2007.** Gene-environment interaction in allergic disease : More questions, more answer. *J All Clin Immunol* ;120:1266-8

- Lambert C, Li JM, Jonscher K, Yang TC, Reigan P, Quintana M, Harvey J, Freed BM 2007.** Acrolein inhibits cytokine gene expression by alkylating cysteine and arginine residues in the NFkB1 DNA binding domain. *Journal of Biological Chemistry*. 282(27) 19666-75
- Lambert C, McCue J, Portas M, Quyang Y, Li JM, Rosano TG, Lazis A, Freed BM 2005.** Acrolein in cigarette smoke inhibits T-cell responses. *J Clin Immunol* ; 116 :916-22
- Lawrence Toby 2009.** TheNuclear Faktor NF-kB Pathway in inflammation. *Cold Spring Harb Perpect Biol* 2009; 1:a001651
- Lihong Jia, Zhongbo Liu, Lijuan Sun, Sheldon S. Miller, Bruce N. Ames, Carl W. Cotman, Jiakang Liu.** Acrolein, a Toxicant in Cigarette Smoke, Causes Oxidative Damage and Mitochondrial Dysfunction in RPE Cells : Protection by (R) – - Lipoic Acid. *Invest Ophthalmol Vis Sci* 48(1) : 339-348
- Li Li, Hamilton RF, Holian A 1999.** Effect of acrolein on human alveolar macrophage NF-kB activity. *Am J Physics*, 277: 550-7
- Li J, Huang Y, Lin X, Zhao D, Tan G, Wu J, Zhao C, Zhao J, Spangfort MD, Zhong N 2011.** Influence of degree of specific allergic sensitivity on severity of rhinitis and asthma in Chinese allergic patients. *Respiratory research* ; 12:1-8
- Lipniacki T, Paszek P, Brasier AR, Luxon B, Kimmel M 2004.** Mathematical model of NFkB regulatory module. *Journal of Theoretical Biology* . 228: 195-215
- Long SA, D'Antonio LL, Nathan RA et al 1996.** Factors related to quality of life and functional status in 50 patients with head and neck cancer. *Laryngoscope* ; 106:1084-8
- Madiadipoera T, Surachman S, Sumarman I, Boesoerie TS 2002.** Parameter Keberhasilan Pengobatan Rintis Alergi. *Otolaryngologica Indonesia* : XXXII(3); 33-40
- Mang Y, Zheng X, Peake J, Joad JP, Pinkerton KE 2008.** Perinatal environmental tobacco smoke exposure alters the immune response and airway innervations in infant primates. *J All Clin Immunol* ;122:640-7
- Miyake Y, Tanaka K, Arakawa M 2011.** Case-control study of IL-13 polymorphisms, smoking and rhinoconjunctivitis in Japanese women: the Kyushu Okinawa Maternal and Child Health Study. *BMC Medical Genetics* , 12:1-8

- Montoro J, Sastre J, Jauregui I, Batra J, Davilla I, del Cuvillo A, Ferrer M, et.al 2007.** Allergic Rinitis : continuos or on demand antihistamine therapy? *J of investigational allergology & clinical immunology* 17 suppl 2:21-7
- Mucha SM, deTenio M, Naclerio RM, Baroody FM 2006.** Comparison of Montelukast and pseudoephedrine in the treatment of Allergic Rhinitis. *Arch Otolaryngol Head Neck Surg.* ;132, 164-72
- Mullol J 2009.** A Survey of the burden of AllergicRhinitis in Spain. *J Investig Allergol Immunol* ; 19(1) : 27-34
- Mullol J, Bachert C, Bousquet J 2005.** Management of persistent allergic rhinitis: evidence-based treatment with levocetirizine. *Therapeutics and Clinical Risk Management.* ; 1 (4) 265-71
- Mullol J, Maurer M, Bousquet J 2008.** Sleep and Allergic Rhinitis. *J Investig Allergol Clin Immunol*; 18 (6). 415-9
- Mullol J, Montoro J, Sastre J, Jauregui I, Bartra J, Davila I, del Cuvillo A, Ferrer M, Valero A 2007.** Allergic rhinitis : Continuous or on demand antihistamine therapy? *J Investig Allergol Clin Immunol* . 17 (2) 21-7
- Mullol J, Valero A, Alobid I, Bartra J, Navarro AM, Chivato T, Khaltayev N, Bousquet J 2008.** Allergic rhinitis and its impact on asthma update (ARIA 2008) The perspective from Spain. *J Investig Allergol Immunol* ; 18(5): 327-34
- Nagata C, Nakamura K, Fujii K, Kawachi T, TakatsukaN, ObaS, Shimizu H 2008.** Smoking and risk of cedar polinosis in Japanese men and women. *Int Arch Allergy Immunol* ;147:117-124
- Nathan RA, Meltzer EO, Selner JC & Storms W 1997.** Prevalence of allergic rhinitis in the United State. *J Allergy Clin Immunol* ; 99: S 808-14
- Natt RS, Karkos PD, Natt DK, Theochari EG, Karkanevatos A 2011.** Treatment trends in allergic rhinitis and asthma : a British ENT survey. *BMC Ear, Nose and throat disorders* , 11;1-5
- Navarro A, Colas C, Anton E, Conde J, Davila I, Dordal MT et al 2009.** Epidemiology of allergic rhinitis in allergy consultation in Spain : Alergologica-2005. *J Investig Allergol Immunol* ,19(2) 7-13
- Ngoc LP, Gold DR, Tzianabos AO, Weiss ST, Celedon JC 2005.** Cytokines, allergy, and asma. *Curr Opin Allergy Cli Immunol* ;5: 161-166
- Orange JS, Levy O, Geha RS 2005.** Human disease resulting from gene mutations that interfere with appropriate NFkB activation. *Immunological Reviews*.; 203:21-37

- Orihara K, Nakae S, Pawankar R, Saito H 2008.** Role of Regulatory and Proinflammatory T-Cell Populations in Allergic diseases. *WAO Journal* 2008;9-14)
- Ortega NO, Blanco C, Castillo R, Carillo T 2000.** Tobacco allergy. In Watson RR, Witton M, ed. *Environmental Tobacco Smoke*. 1st ed. Florida : CRC Press LLC; p.69-80
- Oryszczyn MP, Annesi-maesano I, Charpin D, Paty E, Maccario J, Kauffmann F.** Relationship of active smoking to total IgE in adults of the Epidemiological Study of the genetics and environment Asthma, Bronchial Hyperresponsiveness, and Atopy (EGEA). *American Journal of respiratory and critical care medicine*, 161,4:1241-6
- Osorio VM, de Lourdes Cardeal Z 2010.** Determination of acrolein in French fries by solid-phase microextraction gas chromatography and mass spectrometry. *Journal of Chromatography A*; 11: 68-72
- Oyama N et al 2001.** A shift in the Th1/Th2 antibody use during infancy promotes balance toward Th2 dominant immunity in mice. *J Allergy Clin Immunol* ;107:153-159
- Paulisse KW, Polik WF. 1997.** Computation and Assignment of the Acrolein S₁ Vibronic Spectrum. USA
- Pawankar R, Mori S, Ozu C, Kimura S 2011.** Overview on the pathomechanisms of allergic rhinitis. *Asia Pac Allergy* ; 1: 157-67
- Pinto JM, Jeswani S 2010.** Rhinitis in the geriatric population. *Allergi, asthma & clinical immunology*. ; 6,1-12
- Quyang Y, Virasch N, Hao P, Aubrey MT, Mukerjee N, Blerer BE, Freed BM 2000.** Suppression of human IL-1, IL-2, IFN-, and TNF- production by cigarette smoke extracts. *J All Clin Immunol* ;106:280-7
- Rando RJ, Simlote P, Salvaggio JE, Lehrer SB 1997.** Environmental tobacco smoke : Measurement and health effects of involuntary smoking. In : Bardana ED, Montanaro A ed. *Indoor Air Pollution and Health Clinical Allergy and Immunology*. 9th ed. Portland : Informa Healthcare; p.61-82
- Riedi CA, Rosario NA, Ribas LFO, Backes AS, Kleiñibing GF, Popija M, Reisdorfer S 2005.** Increase in prevalence of rhinoconjunctivitis but not asthma and atopic eczema in teenagers. *J Invest Allergol Immunol* 15(3); 183-8
- Reed SD, Lee TA, McCrory DC 2004.** The economic burden of allergic rhinitis. A critical evaluation of the literature. *Pharmacoeconomics* ; 22(6): 345-61

- Roitt IV 2011.** The production of effectors. In : Roitt's essential Immunology.12th ed. Oxford, Wiley-Blakwell.p.226-62
- Saengpanich S, deTineoM, Naclerio RM, Barood FM 2003.** Fluticasone nasal spray and the combination of Loratadine and Montelukast in Seasonal Allergic Rhinitis. *Arch Otolaryngol Head Neck Surg.* ;129. 557-62
- Saleh HA 2007, Durham SR.** Perennial rhinitis. *BMJ*; 335.502-7
- Scadding GK, Chuch MK, 2006.** Rhinitis. in Allergy. Third Edition. Mosby Elsevier; p.55-76.
- Segundo GRS, Gomes FA, Fernandes KP, Alves R, Silva DAO, Takatomi EA 2009.** Local cytokines and clinical symptoms in children with allergic rhinitis after different treatments. *Biologics : Targets & Therapy* ; 3. 469-74
- Small P, Kim H 2011.** Allergic Rhinitis. *Allergy, Asthma & Clinical Immunology.* ; 7 (1) 1-8
- Suh M, Kim HH, Sohn MH, Kim KE, Kim CS, Shin DC 2011.** Prevalence of allergic diseases among Korean School-age children: A Nationwide cross-sectional questionnaire study. *J Korean Medical Sci* ; 26:332-8
- Suprihati 2005.** The Prevelence of Allergic rhinitis and its relation to some risk factors among 13-14 year old students in semarang, *Indonesia Otolaryngologica Indonesiana* : XXXV(2); 37-70
- Sussman G, Sussman D, Sussman A 2010.** Intermittent allergic rhinitis. *CMAJ* ;182(9) 935-7
- Szeinbach SL, Harpe SE, Williams PB, Elhefni H 2008.** Testing for allergic disease: Parameters considered and test value. *BMC Family Practice.* 9: 1-7
- Todo-Bom A, Loureiro C, Almeida MM, Nunes C, Delgado L, Castel-Branco G, Bousquet J 2007.** Epidemiology of rhinitis in Portugal : evaluation of the intermittent and the persistent types. *Allergy* ;62 :1038-43
- Topp R , Thefeld W, Wichmann HE, Heinrich J 2005.** The effect of environmental tobacco smoke exposure on allergic sensitization and allergic rhinitis in adults. *Indoor Air* ;15 : 222-227
- Tran NP, Vickery J, Blaiss MS 2011.** Management of rhinitis : Allergic and Non-Allergic. *Allergy Asthma Immunol Res.*; 3 (3). 148-56
- Tripathi P, Aggarwal A 2006.** NFkB transcription factor : a key player in the generation of immune response. *Current Science.* ; 90 (4) 519-29

US Environmental Protection Agency 2003. Toxicological review of Acrolein. (CAS No. 107-02-8), EPA/635/R-03/003.

Volcheck GW 2009. Clinical Allergy Diagnosis and Management. Rochester MN : Humana press; .p 1-39

Wang DY 2005. Risk factors of allergic rhinitis : genetic or environmental. Therapeutics and clinical risk management . 1(2) 115-23

Wang L, Joad JP, Abel K, Spinner A, et al 2007. Effects of environmental tobacco smoke on the developing immune system of infant monkeys. *J All Clin Immunol* ; 120:445-51

Woodfolk JA 2006. Cytokines as a therapeutic target for allergy diseases : a complex picture. *Current Pharmaceutical design*; 12:2349-2363

Yoshida T, Tudor RM 2007. Pathobiology of cigarette-smoke-induced COPD. *APS Journals*; 87 no.3:1047-82

Zhao J, Bai J, Shen KL, Xiang L, Huang S, Chen A, Huang Y, Wang JS, Ye RW 2010. Self-reported prevalence of childhood allergic diseases in three cities of China : a multicenter study. *BMC Public Health* ; 10. 1-7

Zheng T, Yu JH, Oh MH, Zhu Z 2011. The atopic march : progression from atopic dermatitis to allergic rhinitis and asthma. *Allergy Asthma Immunol Res* ; 3 (2) 67-73

Zheng WP, Flavell RA 1997. The transcription factor GATA-3 is necessary and sufficient for Th2 cytokine gene expression in CD4 T cells. *Cell* ; 89:587-596

Zuraimi MS, Tham KW, Chew FT, Ooi PL, David K 2008. Home exposures to environmental tobacco smoke and allergy symptoms among young children in Singapore. *Int Arch Allergy Immunol* ; 146:57-65.