|  |  |  |  |
| --- | --- | --- | --- |
| 29 | Дрождина М.Б., Кошкин С.В. Атопический дерматит. Монография. Киров, 2018. – 136 с. с фотографиями. | Drozhdina M.B., Koshkin S.V. Atopic dermatitis. Monograph. Kirov, 2018 .-- 136 p. with photos. | <https://www.rosmedlib.ru/book/ISBN9785970457931.html>  |
| 10 | Дрождина М.Б., Суслова Е.В. Новейшие клинико-эпидемиологические данные, влияние экспосома и патогенетических факторов на развитие атопического дерамтита. Доказательные методы терапии атопического дерматита в современных условиях. Медицинский вестник Северного Кавказа. 2020; 3(1): 102-112. | Drozhdina M.B., Suslova E.V. The latest clinical and epidemiological data, the influence of exposome and pathogenetic factors on the development of atopic dermatitis. Evidence-based methods of therapy the atopic dermatitis in modern stage. Medical News of the North Caucasus. 2020; 3(1): 102-112. | <https://medvestnik.stgmu.ru/ru/authors/2498-Drozhdina_Marianna_Borisovna.html>  |
| 14 | Bonefeld, C.M. and Geisler, C. The role of innate lymphoid cells in healthy and inflamed skin. Immunol Lett. 2016; 179: 25–28.  |  | <https://doi.org/10.1016/j.imlet.2016.01.005> |
| 13 | Bruggen, M.C., Bauer, W.M., Reininger, B., Clim, E., Captarencu, C., Steiner, G.E. et al. In situ mapping of innate lymphoid cells in human skin: evidence for remarkable differences between normal and inflamed skin. J Invest Dermatol. 2016; 136: 2396–2405.  |  | [https://pubmed.ncbi.nlm.nih.gov/27456756](https://pubmed.ncbi.nlm.nih.gov/27456756/)  |
| 23 | Chen, L., Overbergh, L., Mathieu, C., and Chan, L.S. The development of atopic dermatitis is independent of immunoglobulin E up-regulation in the K14-IL-4 SKH1 transgenic mouse model. Clin Exp Allergy. 2008; 38: 1367–1380.  |  | <http://dx.doi.org/10.1111/j.1365-2222.2008.02987.x> |
| 35 | Czarnowicki, T., Esaki, H., Gonzalez, J., Malajian, D., Shemer, A., Noda, S. et al. Early pediatric atopic dermatitis shows only a cutaneous lymphocyte antigen (CLA)(+) TH2/TH1 cell imbalance, whereas adults acquire CLA(+) TH22/TC22 cell subsets. J Allergy Clin Immunol. 2015; 136: 941–951.  |  | <http://dx.doi.org/10.1016/j.jaci.2015.05.049> |
| 43 | Czarnowicki, T., Malajian, D., Shemer, A., Fuentes-Duculan, J., Gonzalez, J., Suarez-Farinas, M. et al. Skin-homing and systemic T-cell subsets show higher activation in atopic dermatitis versus psoriasis. J Allergy Clin Immunol. 2015; 136: 208–211.  |  | <https://doi.org/10.1016/j.jaci.2015.03.032> |
| 7 | Danso, M.O., van Drongelen, V., Mulder, A., van Esch, J., Scott, H., van Smeden, J. et al. TNF-alpha and Th2 cytokines induce atopic dermatitis-like features on epidermal differentiation proteins and stratum corneum lipids in human skin equivalents. J Invest Dermatol. 2014; 134: 1941–1950.  |  | <https://doi.org/10.1038/jid.2014.83> |
| 38 | Dorschner, R.A., Lin, K.H., Murakami, M., and Gallo, R.L. Neonatal skin in mice and humans expresses increased levels of antimicrobial peptides: innate immunity during development of the adaptive response. Pediatr Res. 2003; 53: 566–572.  |  | <http://dx.doi.org/10.1203/01.PDR.0000057205.64451.B7> |
| 11 | Egawa, G. and Kabashima, K. Multifactorial skin barrier deficiency and atopic dermatitis: essential topics to prevent the atopic march. J Allergy Clin Immunol. 2016; 138: 350–358.  |  | <https://doi.org/10.1016/j.jaci.2016.06.002> |
| 36 | Esaki, H., Brunner, P.M., Renert-Yuval, Y., Czarnowicki, T., Huynh, T., Tran, G. et al. Early onset pediatric atopic dermatitis is Th2, but also Th17 polarized in skin. J Allergy Clin Immunol. 2016; 138: 1639–1651.  |  |  <http://dx.doi.org/10.1016/j.jaci.2016.07.013> |
| 33 | Ezzat, M.H., Hasan, Z.E., and Shaheen, K.Y. Serum measurement of interleukin-31 (IL-31) in paediatric atopic dermatitis: elevated levels correlate with severity scoring. J Eur Acad Dermatol Venereol. 2011; 25: 334–339. |  | [http://dx.doi.org/10.1111/j.1468-3083.2010 .03794.x](http://dx.doi.org/10.1111/j.1468-3083.2010%20.03794.x)  |
| 3 | Flohr, C. and Mann, J. New insights into the epidemiology of childhood atopic dermatitis. Allergy. 2014; 69: 3–16.  |  |  <http://dx.doi.org/10.1111/all.12270> |
| 37 | Ganguly, D., Chamilos, G., Lande, R., Gregorio, J., Meller, S., Facchinetti, V. et al. Self-RNA-antimicrobial peptide complexes activate human dendritic cells through TLR7 and TLR8. J Exp Med. 2009; 206: 1983–1994.  |  |  <http://dx.doi.org/10.1084/jem.20090480> |
| 9 | Gutowska-Owsiak, D., Schaupp, A.L., Salimi, M., Selvakumar, T.A., McPherson, T., Taylor, S. et al. IL-17 downregulates filaggrin and affects keratinocyte expression of genes associated with cellular adhesion. Exp Dermatol. 2012; 21: 104–110.  |  |  <http://dx.doi.org/10.1111/j.1600-0625.2011.01412.x> |
| 15 | Halim, T.Y., Steer, C.A., Matha, L., Gold, M.J., Martinez-Gonzalez, I., McNagny, K.M. et al. Group 2 innate lymphoid cells are critical for the initiation of adaptive T helper 2 cell-mediated allergic lung inflammation. Immunity. 2014; 40: 425–435.  |  |  <http://dx.doi.org/10.1016/j.immuni.2014.01.011> |
| 2 | Hanifin, J.M., Reed, M.L., and Eczema prevalence impact Working Group. 2 A population-based survey of eczema prevalence in the United States. Dermatitis. 2007; 18: 82–91.  |  |  <http://dx.doi.org/10.1016/j.jaci.2013.08.031> |
| 4 | Harden, J.L., Krueger, J.G., and Bowcock, A.M. The immunogenetics of psoriasis: a comprehensive review. J Autoimmun. 2015; 64: 66–73.  |  |  <http://dx.doi.org/10.1016/j.jaut.2015.07.008> |
| 20 | He, J.Q., Chan-Yeung, M., Becker, A.B., Dimich-Ward, H., Ferguson, A.C., Manfreda, J. et al. Genetic variants of the IL13 and IL4 genes and atopic diseases in at-risk children. Genes Immun. 2003; 4: 385–389.  |  |  <http://dx.doi.org/10.1038/sj.gene.6363985> |
| 49 | Heil, P.M., Maurer, D., Klein, B., Hultsch, T., and Stingl, G. Omalizumab therapy in atopic dermatitis: depletion of IgE does not improve the clinical course—a randomized, placebo-controlled and double blind pilot study. J Dtsch Dermatol Ges. 2010; 8: 990–998.  |  |  <http://dx.doi.org/10.1111/j.1610-0387.2010.07497.x> |
| 25 | Howell, M.D., Kim, B.E., Gao, P., Grant, A.V., Boguniewicz, M., Debenedetto, A. et al. Cytokine modulation of atopic dermatitis filaggrin skin expression. J Allergy Clin Immunol. 2007; 120: 150–155.  |  |  <http://dx.doi.org/10.1590/abd1806-4841.20164412> |
| 39 | Iram, N., Mildner, M., Prior, M., Petzelbauer, P., Fiala, C., Hacker, S. et al. Age-related changes in expression and function of Toll-like receptors in human skin. Development. 2012; 139: 4210–4219.  |  |  <https://doi.org/10.1242/dev.083477> |
| 47 | Kanda, N. and Watanabe, S. Increased serum human beta-defensin-2 levels in atopic dermatitis: relationship to IL-22 and oncostatin M.Immunobiology. 2012; 217: 436–445.  |  | <https://doi.org/10.1016/j.imbio.2011.10.010> |
| 30 | Kawamoto, N., Kaneko, H., Takemura, M., Seishima, M., Sakurai, S., Fukao, T. et al. Age-related changes in intracellular cytokine profiles and Th2 dominance in allergic children. Pediatr Allergy Immunol. 2006; 17: 125–133. |  | <https://doi.org/10.1111/j.1399-3038.2005.00363.x> |
| 8 | Kim, B.E., Leung, D.Y., Boguniewicz, M., and Howell, M.D. Loricrin and involucrin expression is down-regulated by Th2 cytokines through STAT-6. Clin Immunol. 2008; 126: 332–337.  |  |  <https://doi.org/10.1038/jid.2011.24> |
| 26 | Kim, B.E., Leung, D.Y., Boguniewicz, M., and Howell, M.D. Loricrin and involucrum expression is down-regulated by Th2 cytokines through STAT-6. Clin Immunol. 2008; 126: 332–337.  |  |  <https://doi.org/10.1016/j.clim.2007.11.006> |
| 40 | Kim, J., Kim, B.E., Lee, J., Han, Y., Jun, H.Y., Kim, H. et al. Epidermal thymic stromal lymphopoietin predicts the development of atopic dermatitis during infancy. J Allergy Clin Immunol. 2016; 137: 1282–1285.e1-4.  |  |  <https://doi.org/10.1016/j.jaci.2015.12.1306> |
| 31 | La Grutta, S., Richiusa, P., Pizzolanti, G., Mattina, A., Pajno, G.B., Citarrella, R. et al. CD4(+) IL-13(+) cells in peripheral blood well correlates with the severity of atopic dermatitis in children. Allergy. 2005; 60: 391–395.  |  |  <http://dx.doi.org/10.1111/j.1398-9995.2005.00733.x> |
| 17 | Lee, C.H. and Yu, H.S. Biomarkers for itch and disease severity in atopic dermatitis. Curr Probl Dermatol. 2011; 41: 136–148.  |  |  <http://dx.doi.org/10.1159/000323307> |
| 28 | Lehmann, H.S., Heaton, T., Mallon, D., and Holt, P.G. Staphylococcal enterotoxin-B-mediated stimulation of interleukin-13 production as a potential aetiologic factor in eczema in infants. Int Arch Allergy Immunol. 2004; 135: 306–312.  |  |  <https://doi.org/10.1159/000082324> |
| 48 | Leonardi, S., Cuppari, C., Manti, S., Filippelli, M., Parisi, G.F., Borgia, F. et al. Serum interleukin 17, interleukin 23, and interleukin 10 values in children with atopic eczema/dermatitis syndrome (AEDS): association with clinical severity and phenotype. Allergy Asthma Proc. 2015; 36: 74–81.  |  |  <https://doi.org/10.2500/aap.2015.36.3808> |
| 21 | Lesiak, A., Kuna, P., Zakrzewski, M., van Geel, M., Bladergroen, R.S., Przybylowska, K. et al. Combined occurrence of filaggrin mutations and IL-10 or IL-13 polymorphisms predisposes to atopic dermatitis. Exp Dermatol. 2011; 20: 491–495.  |  |  <http://dx.doi.org/10.1111/j.1600-0625.2010.01243.x> |
| 5 | Leung, D.Y. and Guttman-Yassky, E. Deciphering the complexities of atopic dermatitis: shifting paradigms in treatment approaches. J Allergy Clin Immunol. 2014; 134: 769–779.  |  |  <http://dx.doi.org/10.1016/j.jaci.2014.08.008> |
| 41 | Margolis, J.S., Abuabara, K., Bilker, W., Hoffstad, O., and Margolis, D.J. Persistence of mild to moderate atopic dermatitis. JAMA Dermatol. 2014; 150: 593–600.  |  |  <https://doi.org/10.1001/jamadermatol.2013.7954> |
| 27 | Nakamura, Y., Oscherwitz, J., Cease, K.B., Chan, S.M., Munoz-Planillo, R., Hasegawa, M. et al. Staphylococcus delta-toxin induces allergic skin disease by activating mast cells. Nature. 2013; 503: 397–401.  |  |  <http://dx.doi.org/10.1038/nature12655> |
| 34 | Nakazato, J., Kishida, M., Kuroiwa, R., Fujiwara, J., Shimoda, M., and Shinomiya, N. Serum levels of Th2 chemokines, CCL17, CCL22, and CCL27, were the important markers of severity in infantile atopic dermatitis. Pediatr Allergy Immunol. 2008; 19: 605–613.  |  | <https://doi.org/10.1111/j.1399-3038.2007.00692.x> |
| 22 | Namkung, J.H., Lee, J.E., Kim, E., Kim, H.J., Seo, E.Y., Jang, H.Y. et al. Association of polymorphisms in genes encoding IL-4, IL-13 and their receptors with atopic dermatitis in a Korean population. Exp Dermatol. 2011; 20: 915–919.  |  |  <http://dx.doi.org/10.1111/j.1365-2222.2007.02717.x> |
| 12 | Nomura, T. and Kabashima, K. Advances in atopic dermatitis in 2015. J Allergy Clin Immunol. 2016; 138: 1548–1555.  |  | <https://doi.org/10.1016/j.jaci.2016.10.004> |
| 19 | Novak, N., Kruse, S., Kraft, S., Geiger, E., Kluken, H., Fimmers, R. et al. Dichotomic nature of atopic dermatitis reflected by combined analysis of monocyte immunophenotyping and single nucleotide polymorphisms of the interleukin-4/interleukin-13 receptor gene: the dichotomy of extrinsic and intrinsic atopic dermatitis. J Invest Dermatol. 2002; 119: 870–875.  |  |  <https://doi.org/10.1046/j.1523-1747.2002.00191.x> |
| 18 | Oliva, M., Renert-Yuval, Y., and Guttman-Yassky, E. The ‘omics' revolution: redefining the understanding and treatment of allergic skin diseases. Curr Opin Allergy Clin Immunol. 2016; 16: 469–476.  |  |  <http://dx.doi.org/10.1097/ACI.0000000000000306> |
| 50 | Sidler D, et al. TWEAK mediates inflammation in experimental atopic dermatitis and psoriasis. Nature Communications, 2017; 8: 15395  |  |  <http://dx.doi.org/10.1038/NCOMMS15395> |
| 45 | Silverberg, J.I. and Simpson, E.L. Association between obesity and eczema prevalence, severity and poorer health in US adolescents. Dermatitis. 2014; 25: 172–181.  |  |  <https://doi.org/10.1097/DER.0000000000000047> |
| 42 | Silverberg, J.I. Persistence of childhood eczema into adulthood. JAMA Dermatol. 2014; 150: 591–592.  |  |  <https://doi.org/10.1001/jamadermatol.2013.10267> |
| 46 | Silverberg, J.I., Becker, L., Kwasny, M., Menter, A., Cordoro, K.M., and Paller, A.S. Central obesity and high blood pressure in pediatric patients with atopic dermatitis. JAMA Dermatol. 2015; 151: 144–152.  |  |  <https://doi.org/10.1001/jamadermatol.2014.3059> |
| 16 | Szegedi, K., Kremer, A.E., Kezic, S., Teunissen, M.B., Bos, J.D., Luiten, R.M. et al. Increased frequencies of IL-31-producing T cells are found in chronic atopic dermatitis skin. Exp Dermatol. 2012; 21: 431–436. |  | <https://pubmed.ncbi.nlm.nih.gov/22621183/>  |
| 1 | Weidinger, S. and Novak, N. Atopic dermatitis. Lancet. 2016; 387: 1109–1122.  |  |  [https://doi.org/10.1016/S0140-6736(15)00149-X](https://doi.org/10.1016/S0140-6736%2815%2900149-X) |
| 6 | Werfel, T., Allam, J.P., Biedermann, T., Eyerich, K., Gilles, S., Guttman-Yassky, E. et al. Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. J Allergy Clin Immunol. 2016; 138: 336–349.  |  |  <http://dx.doi.org/10.1016/j.jaci.2016.06.010> |
| 32 | Wu, K.G., Li, T.H., Chen, C.J., Cheng, H.I., and Wang, T.Y. Correlations of serum Interleukin-16, total IgE, eosinophil cationic protein and total eosinophil counts with disease activity in children with atopic dermatitis. Int J Immunopathol Pharmacol. 2011; 24: 15–23.  |  |  [https://doi.org/10.1177%2F039463201102400103](https://doi.org/10.1177/039463201102400103) |
| 44 | Zhang, A. and Silverberg, J.I. Association of atopic dermatitis with being overweight and obese: a systematic review and metaanalysis. J Am Acad Dermatol. 2015; 72: 606–616.  |  |  <https://doi.org/10.1016/j.jaad.2014.12.013> |
| 24 | Zheng, T., Oh, M.H., Oh, S.Y., Schroeder, J.T., Glick, A.B., and Zhu, Z. Transgenic expression of interleukin-13 in the skin induces a pruritic dermatitis and skin remodeling. J Invest Dermatol. 2009; 129: 742–751.  |  |  <http://dx.doi.org/10.1038/jid.2008.295> |