

DAFTAR PUSTAKA

- Akcam, F. Z., Aygun, F. O. and Akkaya, V. B. (2006) 'DRESS like severe drug rash with eosinophilia, atypic lymphocytosis and fever secondary to ceftriaxone', *Journal of infection*, 53, pp. 51–53.
- Ang, C., Wang, Y., Yoosuff, E. M. and Tay, Y. (2010) 'Retrospective analysis of drug-induced hypersensitivity syndrome: A study of 27 patients', *Journal of American Dermatology*. Elsevier Inc, 63(2), pp. 219–227.
- Aouam, K., Chaabane, A., Toumi, A., Fredj, N. Ben, Romdhane, F. Ben, Boughattas, N. A., *et al.* (2012) 'Drug Rash with Eosinophilia and Systemic Symptoms (DRESS) Probably Induced by Cefotaxime: a Report of Two Cases', *clinical medicine & research*, 10(1), pp. 32–35.
- Beutler, A. S., Li, S., Nicol, R. and Walsh, M. J. (2005) 'Carbamazepine is an inhibitor of histone deacetylases', *Life Science*, 76, pp. 3107–3115.
- Biesbroeck, L. K., Scott, J. D., Taraska, C., Moore, E., Falsey, R. R. and Shinohara, M. M. (2013) 'Direct-Acting Antiviral-Associated Dermatitis During Chronic Hepatitis C Virus Treatment', *Am J Clin Dermatol*, 14, pp. 497–502.
- Bocquet, H., Bagot, M. and Roujeau, J. C. (1996) 'Drug-Induced Pseudolymphoma and Drug Hypersensitivity Syndrome (Drug Rash With Eosinophilia and Systemic Symptoms : DRESS)', *Seminars in Cutaneous Medicine and Surgery*, 15(4), pp. 250–257.
- Bourgeois, G. P., Cafardi, J. A., Groysman, V. and Hughey, L. C. (2012) 'A review of DRESS-associated myocarditis', *Journal of American Dermatology*. American Academy of Dermatology, Inc., 66(6), pp. e229–e236.
- Brocard, A., Nguyen, J. M., Khammari, A., Knol, A. C., Varey, E., Peuvrel, L., *et al.* (2016) 'Profile of vemurafenib-induced severe skin toxicities', *Journal of European Academy of Dermatology and Venereology*, 30, pp. 250–257.
- Broccolo, F., Ciccarese, G., Picciotto, A. and Drago, F. (2015) 'A case of drug rash with eosinophilia and systemic symptoms (DRESS) induced by telaprevir associated with HHV-6 active infection', *Journal of Hepatology*. European Association for the Study of the Liver, 62(1), pp. 248–249.
- Cacoub, P., Musette, P., Descamps, V., Meyer, O., Speirs, C., Finzi, L., *et al.* (2011) 'The DRESS Syndrome : A Literature Review', *The American Journal of Medicine*. Elsevier Inc., 124(7), pp. 588–597.
- Camous, X., Calbo, S., Picard, D. and Musette, P. (2012) 'Drug Reaction with Eosinophilia and Systemic Symptoms : an update on pathogenesis', *Current Opinion in Immunology*. Elsevier Ltd, 24(6), pp. 730–735.
- Chaiken, B. H., Goldberg, B. I. and Segal, J. P. (1950) 'Dilantin Sensitivity Report of Case of Hepatitis with Jaundice, Pyrexia and Exfoliative Dermatitis', *The New England Journal of Medicine*, 242(23), pp. 897–898.
- Chen, Y.-C., Chiu, H.-C. and Chu, C.-Y. (2010) 'Drug Reaction With Eosinophilia and Systemic Symptoms', *American Medical Association*, 146(12), pp. 1373–1379.
- Chen, Y., Chang, C., Cho, Y., Chiu, H. and Chu, C. (2012) 'Long-term sequelae of drug reaction with eosinophilia and systemic symptoms: A retrospective

- cohort study from Taiwan', *Journal of American Dermatology*. Elsevier Inc, 68(3), pp. 459–465.
- Chen, Y., Chiang, H., Cho, Y., Chang, C., Chen, K., Yang, C., *et al.* (2015) 'Human herpes virus reactivations and dynamic cytokine profiles in patients with cutaneous adverse drug reactions – a prospective comparative study', *European Journal of Allergy and Clinical Immunology*, 70, pp. 568–575.
- Chen, Y., Cho, Y., Chang, C. and Chu, C. (2013) 'Dermatologica Sinica Drug reaction with eosinophilia and systemic symptoms: A drug-induced hypersensitivity syndrome with variable clinical features', *Dermatologica Sinica*. Elsevier Taiwan LLC, 31(4), pp. 196–204.
- Chi, M., Hui, R. C., Yang, C., Lin, J., Lin, Y., Ho, H., *et al.* (2014) 'Histopathological analysis and clinical correlation of drug reaction with eosinophilia and systemic symptoms (DRESS)', *British Journal of Dermatology*, 170, pp. 866–873.
- Chiou, C., Yang, L., Hung, S., Chang, Y., Kuo, T., Ho, H., *et al.* (2008) 'Clinicopathological features and prognosis of drug rash with eosinophilia and systemic symptoms: a study of 30 cases in Taiwan', *Journal of European Academy of Dermatology and Venereology*, 22, pp. 1044–1049.
- Cho, Y., Yang, C. and Chu, C. (2017) 'Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS): An Interplay among Drugs, Viruses, and Immune System', *International Journal of Molecular Sciences*, 18(1243), pp. 1–21.
- Choquet-Kastylevsky, G., Intrator, L., Chenal, C., Bocquet, H., Revuz, J. and Roujeau, J.-C. (1998) 'Increased levels of interleukin 5 are associated with the generation of eosinophilia in drug-induced hypersensitivity syndrome', *British Journal of Dermatology*, 139(II), pp. 1026–1032.
- Chou, H. Y., Chen, C., Cheng, C. Y., Chen, Y. A., Ng, C. Y., Kuo, K. L., *et al.* (2015) 'Febuxostat-associated drug reaction with eosinophilia and systemic symptoms (DRESS)', *Journal of Clinical Pharmacy and Therapeutics*, 40, pp. 689–692.
- Chung, W.-H., Chang, W.-C., Lee, Y.-S., Wu, Y.-Y., Yang, C.-H., Ho, H.-C., *et al.* (2015) 'Genetic Variants Associated With Phenytoin-Related Severe Cutaneous Adverse Reactions', *American Medical Association*, 312(5), pp. 525–534.
- Danan, G. and Benichou, C. (1993) 'Causality Assesment Of Adverse Reactions to Drugs A Novel Method Based On The Conclusions of International Consensus Meetings: Application to Drug-Induced Liver Injuries', *J Clin Epidemiol*, 46(1), pp. 1323–1330.
- Descamps, V., Bouscarat, F., Laglenne, S., Aslangul, E., Veber, B., Descamps, D., *et al.* (1997) 'Human herpesvirus 6 infection associated with anticonvulsant hypersensitivity syndrome and reactive haemophagocytic syndrome', *British Journal of Dermatology*, 137, pp. 605–608.
- Descamps, V., Valance, A., Edlinger, C., Fillet, A. and Grossin, M. (2001) 'Association of Human Herpesvirus 6 Infection With Drug Reaction With Eosinophilia and Systemic Symptoms', *American Medical Association*, 137(Mar 2001), pp. 5–8.

- Eshki, M., Allanore, L., Musette, P., Milpied, B., Grange, A., Guillaume, J., *et al.* (2015) 'Twelve-Year Analysis of Severe Cases of Drug Reaction With Eosinophilia and Systemic Symptoms', *Arch Dermatol*, 145(1), pp. 67–72.
- Feng, W. and Kenney, S. C. (2006) 'Valproic Acid Enhances the Efficacy of Chemotherapy in EBV- Positive Tumors by Increasing Lytic Viral Gene Expression', *Cancer Res*, 66(17), pp. 8762–8770.
- Gerber, B. O. and Pichler, W. J. (2004) 'Cellular mechanisms of T cell mediated drug hypersensitivity', *Current Opinion in Immunology*, 16, pp. 732–737.
- Hansel, K., Bellini, V., Bianchi, L., Brozzi, J. and Stingeni, L. (2016) 'Drug reaction with eosinophilia and systemic symptoms from ceftriaxone confirmed by positive patch test: An immunohistochemical study', *J Allergy Clin Immunol Pract.* American Academy of Allergy, Asthma & Immunology, 13, pp. 1–3.
- Hirakawa, S., Okazaki, H., Sayama, K., Tohyama, M. and Hashimoto, K. (2011) 'Possible association of vascular endothelial growth factor with the development of edema in drug-induced hypersensitivity syndrome', *The Journal of Dermatology*, 38, pp. 292–294.
- Hiransuthikul, A., Rattananupong, T. and Klaewsongkram, J. (2016) 'Allergology International Drug-induced hypersensitivity syndrome/ drug reaction with eosinophilia and systemic symptoms (DIHS / DRESS): 11 years retrospective study in Thailand', *Allergology International*. Elsevier B.V, xxx, pp. 1–7.
- Hummel, M. and Abecassis, M. M. (2002) 'A model for reactivation of CMV from latency', *Journal of Clinical Virology*, 25, pp. 123–136.
- Hung, S., Chung, W., Lin, L., Lan, J., Yang, L., Hong, H., *et al.* (2005) 'HLA-B*5801 allele as a genetic marker for severe cutaneous adverse reactions caused by allopurinol', *The National Academy of Sciences of the USA*, 102(17), pp. 1–8.
- Husain, Z., Reddy, B. Y., Schwartz, R. A. and Edin, F. (2013) 'DRESS Syndrome, Clinical perspectives', *J Am Acad Dermatol*. Elsevier Inc, 68(5), pp. 1–14.
- Ishida, T., Kano, Y., Mizukawa, Y. and Shiohara, T. (2014) 'The dynamics of herpesvirus reactivations during and after severe drug eruptions: their relation to the clinical phenotype and therapeutic outcome', *European Journal of Allergy and Clinical Immunology*, 69, pp. 798–805.
- Kamijima, M., Wang, H., Yamanoshita, O., Ito, Y., Xia, L., Yanagiba, Y., *et al.* (2013) 'Occupational trichloroethylene hypersensitivity syndrome: Human herpesvirus 6 reactivation and rash phenotypes', *Journal of Dermatological Science*. Japanese Society for Investigative Dermatology, 72(3), pp. 218–224.
- Kang, S., Kim, J., Ham, J. and Kim, H. Y. (2020) 'Altered T cell and monocyte subsets in prolonged immune reconstitution inflammatory syndrome related with DRESS (drug reaction with eosinophilia and systemic symptoms)', *Asian Pac J Allergy Immunol*, 10(1), pp. 1–8.
- Kano, Y., Inaoka, M. and Shiohara, T. (2004) 'Association Between Anticonvulsant Hypersensitivity Syndrome and Human Herpesvirus 6 Reactivation and Hypogammaglobulinemia', *American Medical Association*, 140, pp. 6–11.

- Kano, Y., Ishida, T. and Hirahara, K. (2010) 'Visceral Involvements and Long-term Sequelae in Drug-induced Hypersensitivity Syndrome', *Med Clin N Am*. Elsevier Ltd, 94, pp. 743–759.
- Kano, Y., Seishima, M. and Shiohara, T. (2006) 'Hypogammaglobulinemia as an early sign of drug-induced hypersensitivity syndrome', *J Am Acad Dermatol*, 55(4), pp. 727–728.
- Kardaun, S. H., Sekula, P., Liss, Y., Chu, C. Y., Creamer, D., Sidoroff, A., *et al.* (2013) 'Drug reaction with eosinophilia and systemic symptoms (DRESS): an original multisystem adverse drug reaction . Results from the prospective RegiSCAR study', *British Journal of Dermatology*, 169, pp. 1071–1080.
- Kardaun, S. H., Sidoroff, A., Valeyrie-Allanore, L., Halevy, S., Davidovici, B., Mockenhaupt, M., *et al.* (2007) 'Variability in the clinical pattern of cutaneous side-effects of drugs with systemic symptoms : does a DRESS syndrome really exist?', *British Journal of Dermatology*, 156, pp. 575–612.
- Kidon, M. I. and See, Y. (2004) 'Adverse drug reactions in Singaporean children Methods : A retrospective case control study', *Singapore Med J*, 45(12), pp. 574–577.
- Kim, D. K., Lee, S. W., Nam, H. S., Jeon, D. S., Park, N. R., Nam, Y. H., *et al.* (2016) 'A Case of Sorafenib-induced DRESS Syndrome in Hepatocellular Carcinoma', *Korean J Gastroenterol*, 67(6), pp. 337–340.
- Kim, D. and Koh, Y. (2014) 'Comparison of Diagnostic Criteria and Determination of Prognostic Factors for Drug Reaction With Eosinophilia and Systemic Symptoms Syndrome', *Allergy, Asthma, and Clinical Immunology*, 6(3), pp. 216–221.
- Komatsu-fujii, T., Kaneko, S., Chinuki, Y., Suyama, Y., Ohta, M., Niihara, H., *et al.* (2016) 'Serum TARC levels are strongly correlated with blood eosinophil count in patients with drug eruptions', *Allergology International*. Elsevier B.V, xxx, pp. 4–10.
- Kunkel, E. J., Boisvert, J., Murphy, K., Vierra, M. A., Genovese, M. C., Wardlaw, A. J., *et al.* (2002) 'Expression of the Chemokine Receptors CCR4, CCR5, and CXCR3 by Human Tissue-Infiltrating Lymphocytes', *American Journal of Pathology*. American Society for Investigative Pathology, 160(1), pp. 347–355.
- Kuruvilla, M. and Khan, D. A. (2016) 'Eosinophilic Drug Allergy', *Clinic Rev Allerg Immunol*, 50(May 2015), pp. 228–239.
- Lee, J. Y., Lee, S., Hahm, J. E., Ha, J. W., Kim, C. W. and Kim, S. S. (2017) 'Clinical features of drug reaction with eosinophilia and systemic symptoms (DRESS) syndrome : a study of 25 patients in Korea', *International journal of dermatology*, 69, pp. 1–8.
- Lee, S., Nam, Y. H., Koh, Y., Kim, S. H., Kim, S., Kang, H., *et al.* (2019) 'Phenotypes of Severe Cutaneous Adverse Reactions Caused by Nonsteroidal Anti-inflammatory Drugs Subject selection', *Allergy, Asthma, and Clinical Immunology*, 11(2), pp. 212–221.
- Lee, T., Lee, Y. S., Yoon, S., Kim, S., Bae, Y., Kwon, H., *et al.* (2013)

- ‘Characteristics of liver injury in drug-induced systemic hypersensitivity reactions’, *Journal of American Dermatology*. Elsevier Inc, 69(3), pp. 407–415.
- Lin, I., Yang, H., Strong, C. and Yang, C. (2015) ‘Liver injury in patients with DRESS : A clinical study of 72 cases’, *Journal of American Dermatology*. Elsevier Inc, (7), pp. 1–8.
- Mardivirin, L., Valeyrie-Allanore, L., Branlant-Redon, E., Beneton, N., Jidar, K., Barbaud, A., *et al.* (2010) ‘Amoxicillin-induced flare in patients with DRESS (Drug Reaction with Eosinophilia and Systemic Symptoms): report of seven cases and demonstration of a direct effect of amoxicillin on Human Herpesvirus 6 replication in vitro’, *Eur J Dermatol*, 20(February), pp. 68–73.
- Martinez-Cabriaes, S. A., Shear, N. H. and Gonzalez-Moreno, E. I. (2019) ‘Liver involvement in the drug reaction, eosinophilia, and systemic symptoms syndrome’, *World J Clin Cases*, 8960(6), pp. 705–716.
- Mathur, S. K., Schwantes, E. A., Jarjour, N. N. and Busse, W. W. (2008) ‘Age-related Changes in Eosinophil Function in Human Subjects’, *Chest*, 133(2), pp. 412–419.
- McCormack, M., Alfirovic, A., Bourgeois, S., Farrell, J. J., Kasperavičiūtė, D., Carrington, M., *et al.* (2014) ‘HLA-A*3101 and Carbamazepine-Induced Hypersensitivity Reactions in Europeans’, *The New England Journal Medicine*, 364(12), pp. 1134–1143.
- Miranda, R. N. and Khoury, J. D. (2013) *Atlas of Lymph Node Pathology*. Springer International Publishing.
- Mockenhaupt, M. (2012) ‘Epidemiology of Cutaneous Adverse Drug Reactions’, *Chem Immunol Allergy*, 97, pp. 1–17.
- Nakamura-Nishimura, Y., Miyagawa, F., Miyashita, K., Ommori, R., Azukizawa, H. and Asada, H. (2017) ‘Serum thymus and activation-regulated chemokine is associated with the severity of drug reaction with eosinophilia and systemic symptoms/drug-induced hypersensitivity syndrome’, *British Journal of Dermatology*, 178, pp. 1430–1432.
- Nannipieri, M., Gonzales, C., Baldi, S., Posadas, R., Williams, K., Haffner, S. M., *et al.* (2005) ‘Liver Enzymes , the Metabolic Syndrome , The Mexico City Diabetes Study’, *Diabetes care*, 28(7), pp. 1757–1762.
- Ng, C. Y., Yeh, Y.-T., Wang, C.-W., Hung, S.-I., Yang, C.-H., Chang, Y.-C., *et al.* (2016) ‘Impact of the HLA-B*58:01 allele and renal impairment on allopurinol-induced cutaneous adverse reactions Chau’, in *The Journal of Investigative Dermatology*. Elsevier Ltd, pp. 1–31.
- Ogawa, K., Morito, H., Hasegawa, A., Daikoku, N. and Miyagawa, F. (2013) ‘Identification of thymus and activation-regulated chemokine (TARC / CCL17) as a potential marker for early indication of disease and prediction of disease activity in drug-induced hypersensitivity syndrome (DIHS)/ drug rash with eosinophilia and systemi’, *Journal of Dermatological Science*, 69, pp. 38–43.
- Ozeki, T., Mushiroda, T., Yowang, A., Takahashi, A., Kubo, M., Shirakata, Y., *et al.* (2011) ‘Genome-wide association study identifies HLA-A * 3101 allele

as a genetic risk factor for carbamazepine-induced cutaneous adverse drug reactions in Japanese population', *Human Molecular Genetics*, 20(5), pp. 4–6.

- Patel, R. A., Pharm, D., Gallagher, J. C. and Pharm, D. (2010) 'Drug Fever', *Pharmacotherapy*, 30(1).
- Peyriere, H., Dereure, O., Breton, H., Demoly, P., Cociglio, M., Blayac, J., *et al.* (2006) 'Variability in the clinical pattern of cutaneous side-effects of drugs with systemic symptoms : does a DRESS syndrome really exist ?', *British Journal of Dermatology* 2, 155, pp. 422–428.
- Phiel, C. J., Zhang, F., Huang, E. Y., Guenther, M. G., Lazar, M. A. and Klein, P. S. (2001) 'Histone Deacetylase Is a Direct Target of Valproic Acid , a Potent Anticonvulsant , Mood Stabilizer , and Teratogen *', *The Journal of Biological Chemistry*, 276(39), pp. 36734–36741.
- Picard, D., Janela, B., Descamps, V., Incan, M. D., Courville, P., Jacquot, S., *et al.* (2010) 'Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS): A Multiorgan Antiviral T Cell Response', *Science Translational Medicine*, 2(46), pp. 1–12.
- Picard, D., Vellar, M., Janela, B., Roussel, A., Joly, P. and Musette, P. (2014) 'Recurrence of drug-induced reactions in DRESS patients', *Journal of European Academy of Dermatology and Venereology*, pp. 1–4.
- Sallusto, F., Lanzavecchia, A. and Mackay, C. R. (1998) 'Chemokines and chemokine receptors in T-cell priming and Th1/Th2-mediated responses', *Review Immunology Today*, 19(12), pp. 568–574.
- Samain, A., Joly, P., Leblanc, C., Massy, N., Courville, P., Gorla, O., *et al.* (2014) 'First case of drug rash eosinophilia and systemic symptoms due to boceprevir', *Journal of Hepatology*, 60, pp. 891–893.
- Shear, N. H. and Spielberg, S. P. (1988) 'Anticonvulsant Hypersensitivity Syndrome', *J Clin Invest*, 82(24), pp. 1826–1832.
- Shiohara, T., Iijima, M., Ikezawa, Z. and Hashimoto, K. (2007) 'The diagnosis of a DRESS syndrome has been sufficiently established on the basis of typical clinical features and viral reactivations A case of herpes zoster in a child with congenital insensitivity to pain with anhidrosis', *British Journal of Dermatology* 2007, 156, pp. 1083–1084.
- Shiohara, T., Inaoka, M. and Kano, Y. (2006) 'Drug-induced Hypersensitivity Syndrome (DIHS): A Reaction Induced by a Complex Interplay among Herpesviruses and Antiviral and Antidrug Immune Responses', *Allergy International*, 55(November 2005), pp. 1–8.
- Shiohara, T. and Kano, Y. (2017) 'Expert Opinion on Drug Safety Drug reaction with eosinophilia and systemic symptoms (DRESS): incidence , pathogenesis and management', *Expert Opinion on Drug Safety*. Taylor & Francis, 16(2), pp. 139–147.
- Suswardana, Hernanto, M., Yudani, B. A. D., Pudjiati, S. R. and Indrastuti, N. (2007) 'DRESS syndrome from cefadroxil confirmed by positive patch test', *Allergy*, 62, pp. 1216–1217.
- Suzuki, Y., Inagi, R., Aono, T., Yamanishi, K. and Shiohara, T. (2015) 'Human Herpesvirus 6 Infection as a Risk Factor for the Development of Severe

- Drug-Induced Hypersensitivity Syndrome', *Arch Dermatol*, 134, pp. 1108–1112.
- Takahashi, R., Kano, Y., Yamazaki, Y., Mizukawa, Y., Shiohara, T., Takahashi, R., *et al.* (2009) 'Defective Regulatory T Cells In Patients with Severe Drug Eruptions : Timing of the Dysfunction Is Associated with the', *J Immunol*, 182, pp. 8071–8079.
- Takemoto, M., Shimamoto, T., Isegawa, Y. and Yamanishi, K. (2001) 'The R3 Region , One of Three Major Repetitive Regions of Human Herpesvirus 6 , Is a Strong Enhancer of Immediate-Early Gene U95', *Journal of Virology*, 75(21), pp. 10149–10160.
- Tashiro, Y., Azukizawa, H., Asada, H., Niihara, H., Morita, E., Yamauchi, T., *et al.* (2019) 'Drug-induced hypersensitivity syndrome / drug reaction with eosinophilia and systemic symptoms due to lamotrigine differs from that due to other drugs', *The Journal of Dermatology*, 46(December 2018), pp. 1–8.
- Teraki, Y. and Fukuda, T. (2017) 'Skin-Homing IL-13-Producing T Cells Expand in the Circulation of Patients with Drug Rash with Eosinophilia and Systemic Symptoms', *Dermatology*, 233, pp. 1–8.
- Tetart, F., Picard, D., Janela, B., Joly, P. and Musette, P. (2014) 'Prolonged Evolution of Drug Reaction With Eosinophilia and Systemic Symptoms: Clinical, Virologic, and Biological Features', *JAMA Dermatology*, 150(2), pp. 206–207.
- Thomas, C. L., Arasaratnam, M., Carlos, G., Parasyn, A., Baumgart, K. W., Fernandez-Penas, P., *et al.* (2017) 'Drug reaction with eosinophilia and systemic symptoms in metastatic basal cell carcinoma treated with vismodegib', *The Australasian College of Dermatologists*, 58, pp. 69–70.
- Thongsri, T., Chularojanamontri, L. and Pichler, W. J. (2017) 'Allergy and Immunology Cardiac involvement in DRESS syndrome', *Asian Pac J Allergy Immunol*, 35, pp. 3–10.
- Tohyama, M., Hashimoto, K., Yasukawa, M., Kimura, H., Horikawa, T., Nakajima, K., *et al.* (2007) 'Association of human herpesvirus 6 reactivation with the flaring and severity of drug-induced hypersensitivity syndrome', *British Journal of Dermatology*, 157, pp. 934–940.
- Tsai, Y., Liou, J., Hung, S., Chen, C. and Chiu, T. (2019) 'Increased Type 2 Innate Lymphoid Cells in Patients with Drug Reaction with Eosinophilia and Systemic Symptoms Syndrome', *Journal of Investigative Dermatology*, 139, pp. 1722–1731.
- Uno, H., Kabashima, K., Tohyama, M., Watanabe, T., Hashimoto, K., Iijima, M., *et al.* (2014) 'TNF- α as a useful predictor of human herpesvirus-6 reactivation and indicator of the disease process in drug-induced hypersensitivity syndrome (DIHS)/drug reaction with eosinophilia and systemic symptoms (DRESS)', *Journal of Dermatological Science*, 74, pp. 2013–2015.
- Ushigome, Y., Mizukawa, Y., Kimishima, M., Yamazaki, Y., Takahashi, R., Kano, Y., *et al.* (2018) 'Monocytes are involved in the balance between regulatory T cells and Th17 cells in severe drug eruptions', *Clin Exp Allergy*, 48, pp.

1453–1463.

- Ventura, M. T., Boni, E., Cecere, R., Buquicchio, R., Calogiuri, G. F., Martignago, I., *et al.* (2018) ‘Importance of hypersensitivity in adverse reactions to drugs in the elderly’, *Clinical and Molecular Allergy*. BioMed Central, 16(7), pp. 1–9.
- White, K. D., Chung, W., Hung, S. and Mallal, S. (2016) ‘Evolving models of the immunopathogenesis of T cell – mediated drug allergy : The role of host , pathogens , and drug response’, *Journal of Allergy and Clinical Immunology*. Elsevier Ltd, 136(2), pp. 219–234.
- Wolfson, A. R., Zhou, L., Li, Y., Phadke, N. A. and Chow, O. A. (2018) ‘Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) Syndrome Identified in the Electronic Health Record Allergy Module’, *J Allergy Clin Immunol Pract*, 55, pp. 1–8.
- Yawalkar, N., Shrikhande, M., Hari, Y., Braathen, L. R. and Pichler, W. J. (2000) ‘Evidence for a role for IL-5 and eotaxin in activating and recruiting eosinophils in drug-induced cutaneous eruptions’, *J Allergy Clin Immunol*, 106(6), pp. 1171–1176.
- Yazicioglu, M., Elmas, R., Turgut, B. and Genchallac, T. (2012) ‘The association between DRESS and the diminished numbers of peripheral B lymphocytes and natural killer cells’, *Pediatric Allergy and Immunology*, (March 2006), pp. 1–8.