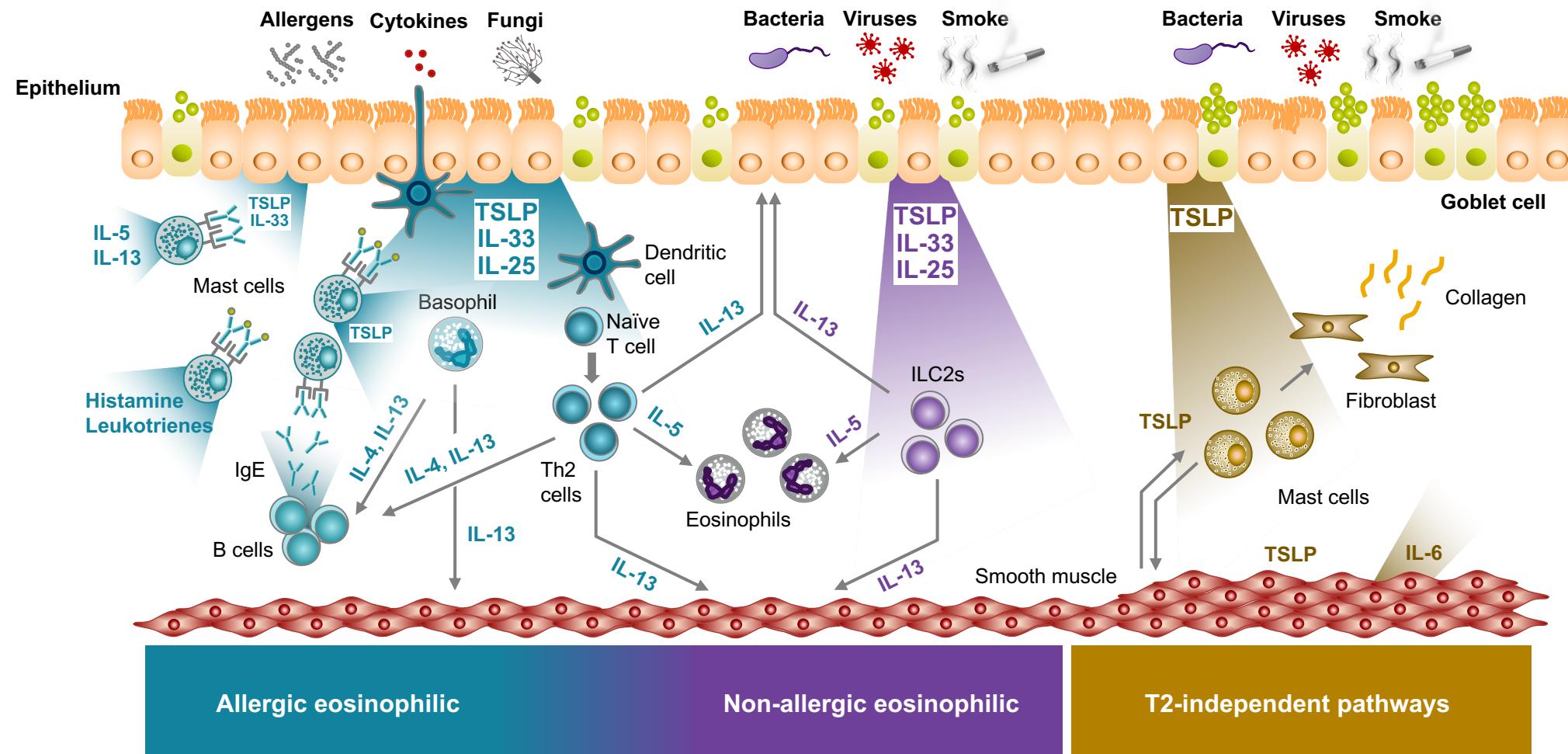


# Epithelial cytokines are thought to drive allergic and eosinophilic inflammation and T2-independent effects from the top of the cascade



Mechanisms underlying non-eosinophilic inflammation in asthma and the relevance of TSLP in its potential effects on macrophages both require further elucidation. The information presented in this image has been simplified for illustration purposes only and does not imply clinical benefit or relevance.

IgE, immunoglobulin E; IL, interleukin; ILC2, type 2 innate lymphoid cell; T2, type 2; Th, T helper; TSLP, thymic stromal lymphopoietin

Figure adapted from Gauvreau GM, et al. Expert Opin Ther Targets 2020;24:777–792, which was based on Brusselle G, Bracke K. Ann Am Thorac Soc 2014;11:S322–S328, Brusselle G, et al. Nat Med 2013;19:977–979 and Lambrecht BN, Hammad H. Nat Immunol 2015;16:45–56

1. Gauvreau GM, et al. Expert Opin Ther Targets 2020;24:777–792; 2. Porsbjerg CM, et al. Eur Respir J 2020;56:2000260; 3. Roan F, et al. J Clin Invest 2019;129:1441–1451; 4. Varricchi G, et al. Front Immunol 2018;9:1595;

5. Altman MC, et al. J Clin Invest 2019;129:4979–4991; 6. Allakherdi Z, et al. J Exp Med 2007;204:253–258; 7. Kato A, et al. J Immunol 2007;179:1080–1087; 8. Kouzaki H, et al. J Immunol 2009;183:1427–1434;

9. Lee H-C, Ziegler SF. Proc Natl Acad Sci USA 2007;104:914–919; 10. Semlali A, et al. J Allergy Clin Immunol 2010;125:844–850; 11. Brightling CE, et al. N Engl J Med 2021;385:1669–1679

Veeva ID: Z4-39010; date of preparation: February 2022. © 2022 AstraZeneca. All Rights Reserved. This information is intended for healthcare professionals only. EpiCentral is sponsored and developed by Amgen and AstraZeneca.