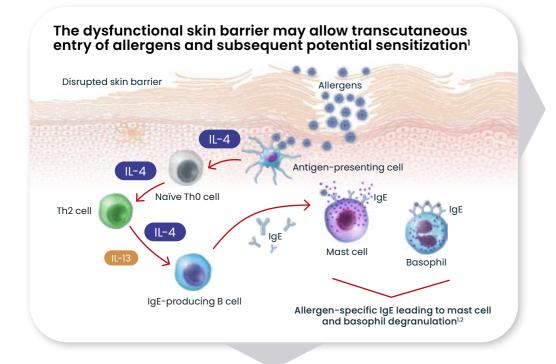
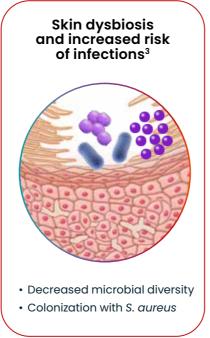


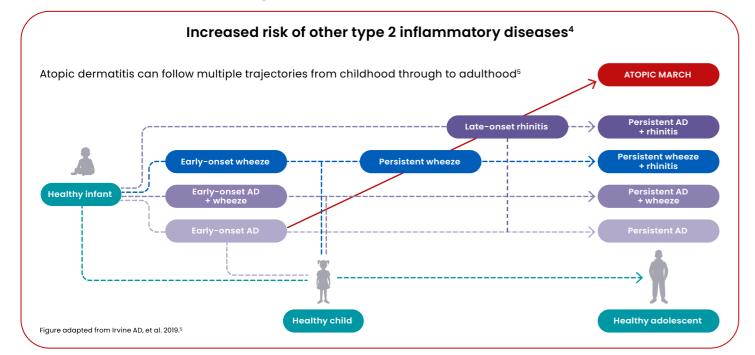


Skin Barrier Dysfunction and Increased Risk of Allergen Sensitization May Impact Atopic March in Atopic Dermatitis (AD)1-4

Skin barrier dysfunction in Atopic Dermatitis increases the risk of allergen sensitization, dysbiosis, infection, and other type 2 inflammatory diseases¹⁻³







Limiting exposure to allergens through the skin and controlling type 2 inflammation at an early age may help to prevent or reduce progression to coexisting type 2 inflammatory diseases in children with AD6

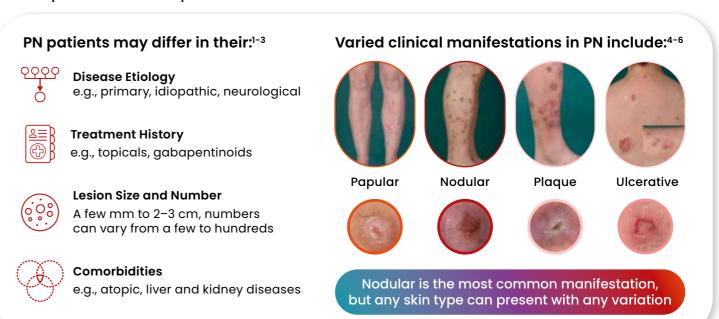
AD, atopic dermatitis; Ig, immunoglobulin; IL, interleukin; Th, helper T cell

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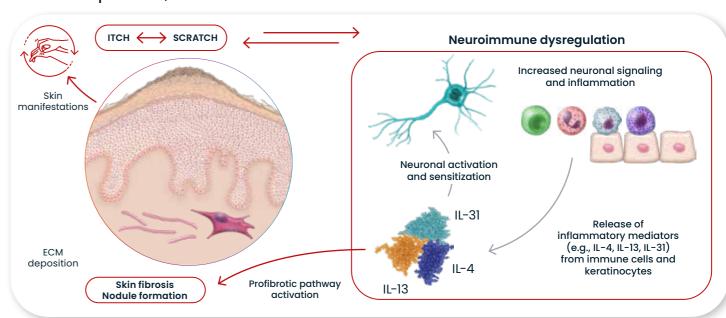


The Evolving Understanding of Prurigo Nodularis (PN) Has Implications for Patient Management

Prurigo Nodularis is a heterogenous, chronic inflammatory, pruritic disease with unique and varied patient characteristics, burden and clinical manifestations¹⁻⁶



Continuous scratching in PN leads to neuroimmune dysregulation and type 2 inflammation, resulting in increased neuronal signaling, further pruritus, skin fibrosis and nodule formation⁷⁻⁹



Emerging targeted therapies for PN have been shown to alleviate patient burden by reducing itch and nodules, and by improving sleep and quality of life^{10,11}

ECM, extracellular matrix: IL, interleukin; PN, pruriao nodularis

1. Huang AH, et al. J Invest Dermatol. 2020;140:480-483.e4. 2. Pereira MP, et al. J Eur Acad Dermatol Venereol. 2020;34(10):2373-2383. 3. Zeidler C, et al. Acta Derm Venereol. 2018;98(2):173-179. 4. Kwon C, et al. Medicines (Basel). 2019;6(4):97. 5. Schedel F, et al. Hautarzt. 2014;65:684-690. 6. Zeidler C, et al. Front Med (Lausanne). 2021:29;8:649332. 7. Garcovicth S, et al. Vaccines (Basel). 2021;9:30. 8. Nguyen JK, et al. Arch Dermatologic, 8es. 2020;312(2):81-92. 9. Weigelt N, et al. J. Cutan Pathol. 2010;37:578-586. 10. Kwatra G, et al. Presentation at AAD 2023 New Orleans, LA, USA, 17-21 March 2023. Abstract #45996. 11. Yosipovitch G, et al. Nat Med. 2023;29(5):1180-1190. ADVENT is a medical education non-promotional program for healthcare professionals organized by Sanofi and Regeneron. © 2023 Sanofi and Regeneron Pharmaceuticals, Inc. All Rights Reserved. MAT-GLB-2304353 v1.0 09/2023