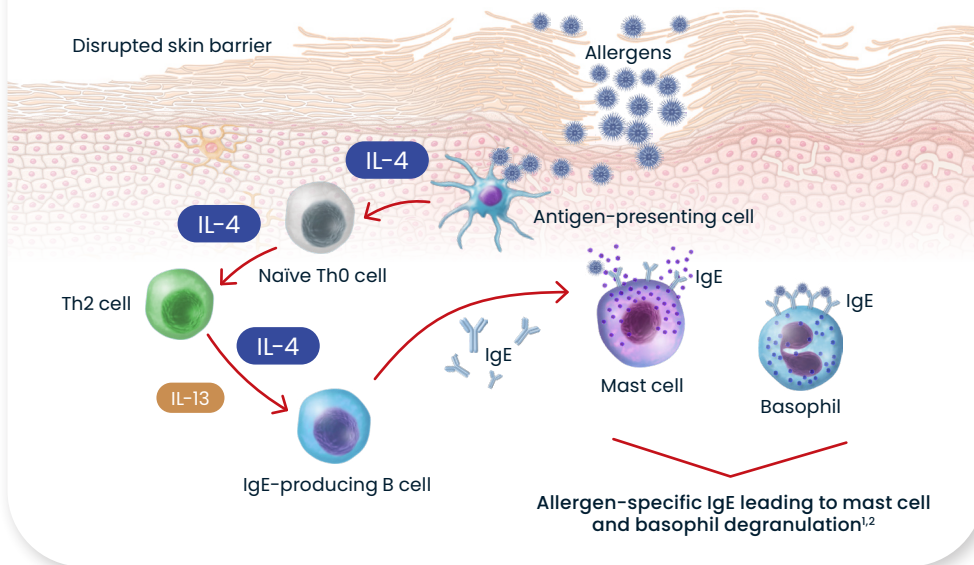




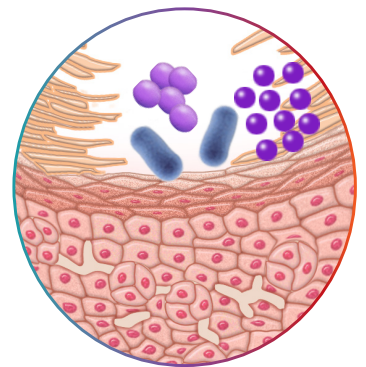
Skin Barrier Dysfunction and Increased Risk of Allergen Sensitization May Impact Atopic March in Atopic Dermatitis (AD)¹⁻⁴

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

The dysfunctional skin barrier may allow transcutaneous entry of allergens and subsequent potential sensitization¹



Skin dysbiosis and increased risk of infections³



- Decreased microbial diversity
- Colonization with *S. aureus*

Increased risk of other type 2 inflammatory diseases⁴

Atopic dermatitis can follow multiple trajectories from childhood through to adulthood⁵

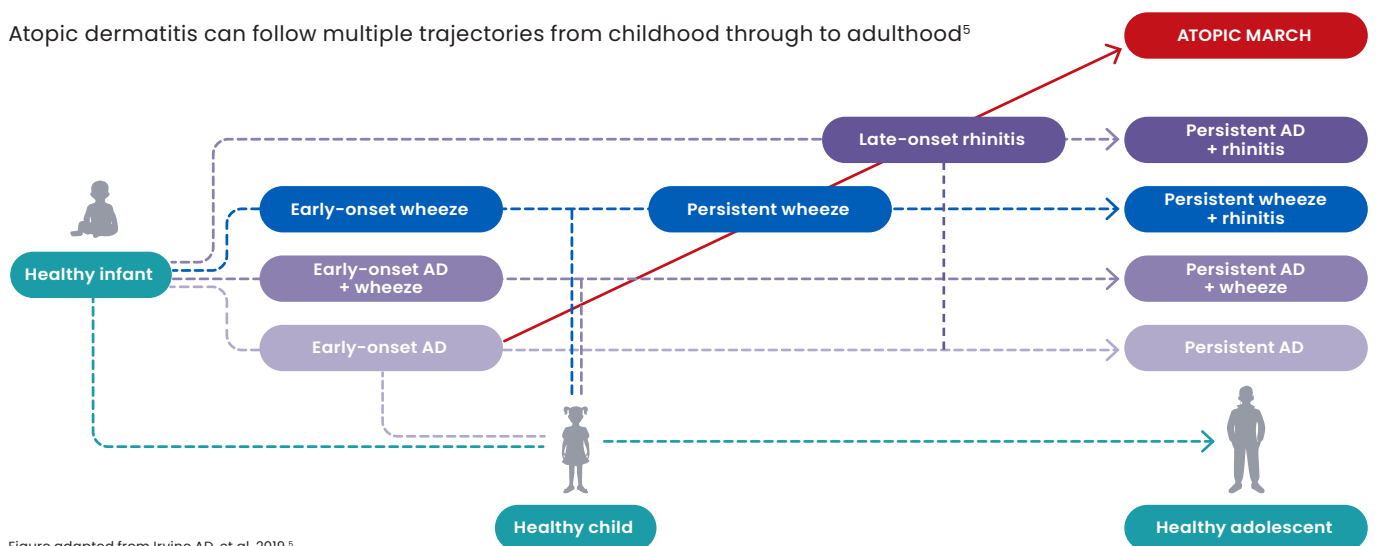


Figure adapted from Irvine AD, et al. 2019.⁵

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.

1. Sweeney A, et al. *Allergy Asthma Clin Immunol.* 2021;17(30):1-12. 2. Wang F, et al. *Cell.* 2021;184(2):422-440.e17. 3. Wang V, et al. *Ann Allergy Asthma Immunol.* 2021;126:3e12. 4. Geba GP, et al. *J Allergy Clin Immunol.* 2022;S0091-6749(22):01176-9. 5. Irvine AD, et al. *Br J Dermatol.* 2019;181:895-906. 6. Paller AS, et al. *J Allergy Clin Immunol.* 2019;143(1):46-55.



ADVENT is a breakthrough educational program bringing together different specialties treating patients with type 2 inflammatory diseases.

Prof. Thomas Bieber, Dermatologist, Germany



What is the ADVENT program?

ADVENT is a global medical education program that shares the latest evidence on diseases with underlying type 2 inflammation

Areas covered include:

DERMATOLOGY

Atopic dermatitis
Prurigo nodularis
Chronic spontaneous urticaria

RESPIRATORY

Asthma
Chronic rhinosinusitis
with nasal polyps

GASTROENTEROLOGY

Eosinophilic esophagitis

Goals of the platform



Improve
patient care



Facilitate
cross-specialty
knowledge sharing



Explore multidisciplinary
implications of underlying
type 2 inflammation



Reduce the burden of
diseases driven by underlying
type 2 inflammation

What does ADVENT have to offer?

ADVENT materials
were developed with:



More than 120 experts
from more than 15 countries



Specialists in **allergy, dermatology,**
gastroenterology, otolaryngology
and **respiratory medicine**

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On-demand
events



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presentations



Self-guided
educational
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and languages



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