



This infographic publication has been supported by a Medical Education Grant from Arcutis Biotherapeutics

Dermatol AMJ. 2026; <https://doi.org/10.33590/dermatolamj/PH003308>

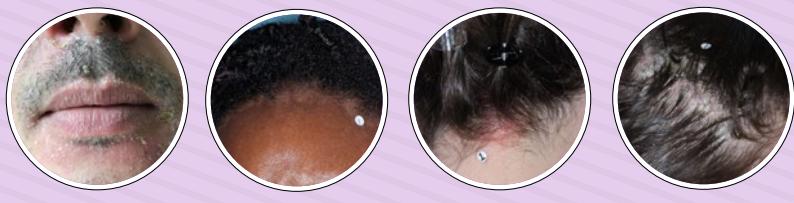
Background

~4.4%

SebDerm is a **chronic, inflammatory** skin disease that **waxes and wanes** over time and affects **~4.4%** of the global population.¹



Erythema is a clinical manifestation **in all skin types**; it just **may look different in different skin types** (for example as hyper- or hypopigmentation).²



~45%

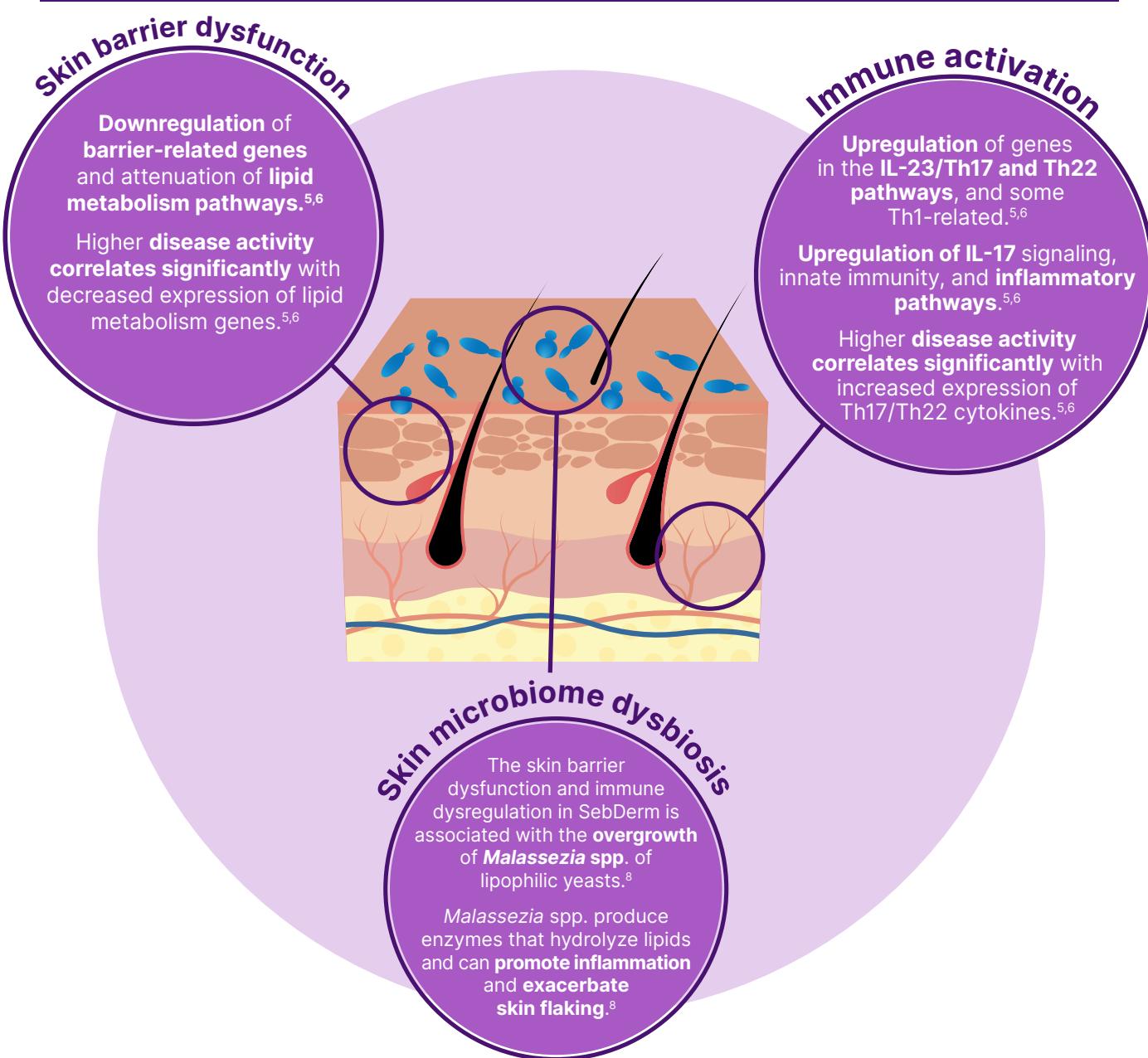
of patients report that SebDerm has a **significant negative impact** on their QoL.²



Conventional treatment strategies based on topical **antifungals** and **corticosteroids** generally achieve only **partial symptom control** and their **long-term** use may be limited by **adverse effects**.^{3,4}

Pathophysiology

Recent research indicates that the pathophysiology of SebDerm is driven by the **interplay** between **immune activation, skin barrier dysfunction, and skin microbiome dysbiosis**.⁵⁻⁷



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Abbreviations:

IL: interleukin; JAK: Janus kinase;
PDE4: phosphodiesterase 4; QoL: quality of life;
SebDerm: seborrheic dermatitis; Th: T-helper cell.

It's Not All About *Malassezia*

While SebDerm is associated with an **overgrowth of the *Malassezia* spp.**,⁸ the **link with disease activity** remains **incompletely defined**.⁵

Assumptions about the role of *Malassezia* in SebDerm are more **clinically driven** than **evidence driven**. However, research suggests that *Malassezia* are **more likely** to be **commensal microbes** rather than a core etiological factor.^{7,9}



Immune reactivity to commensal microbes such as *Malassezia* may **exacerbate inflammation**.⁵

Chronic antifungal use in SebDerm may drive drug **resistance**, and appropriate **antifungal stewardship** should be considered in treatment decisions.¹⁰

Emerging Therapeutic Options



Emerging treatments **target** the **underlying pathophysiology** of SebDerm to achieve more **durable** disease control, particularly in patients with severe, recurrent, or treatment-resistant disease. For example, **biologic therapies, JAK inhibitors, and PDE4 inhibitors**.¹¹