

〈講 演〉

第50回日本香粧品学会学術大会(2025)・会頭講演

皮膚をみる
—その新しい潮流

海老原 全*

Examine the Skin
—New Trend

Tamotsu EBIHARA*

Abstract

Therapeutic development for human disease has traditionally followed a hypothesis-driven trajectory: fundamental research to nominate disease-modifying molecules; identification of biomarkers and therapeutic targets; large-scale clinical trials; statistical validation; and, ultimately, clinical implementation. Dermatology is no exception. The advent of targeted therapies has transformed care—first in psoriasis and, more recently, with highly favorable outcomes in atopic dermatitis—yet the condition's heterogeneity leads to substantial inter-individual variability in treatment response.

To maximize the benefits of newly emerging therapies, our Atopic Dermatitis Conquest Project investigates whether responsiveness can be predicted before treatment and how best to tailor therapy to each patient. This presentation introduces results from these investigations and illustrates analytic frameworks that integrate diverse clinical and biological data to inform therapeutic decision-making. We also consider the feasibility of truly personalized treatment in routine practice.

While a new paradigm in “examining the skin” is taking shape—one that leverages data-driven analytics alongside precision therapeutics—the irreplaceable value of direct clinical observation endures and remains central to sound medical judgment.

Key words: atopic dermatitis, precision medicine, biomarkers, predictive response, dermatology.