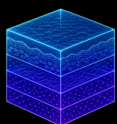
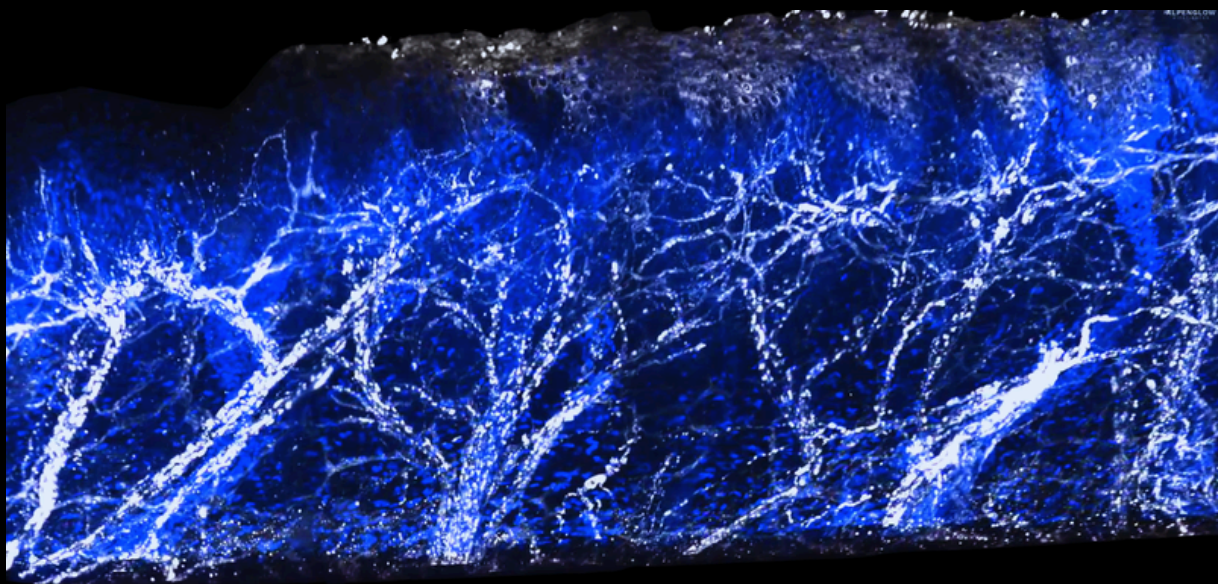


Separating Responders from Non-Responders in Inflammatory Skin Disease

Measure tissue architecture, inflammation, neuro-immune relationships, and treatment-associated changes across full samples combining intact 3D skin imaging with AI-assisted analysis.



See the whole tissue context



Measure disease-relevant biology



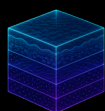
Turn complex skin tissue data into quantitative evidence for translational decisions



Compare baseline, post-treatment, and responder tissue states

From intact skin tissue to treatment-relevant spatial signatures

Aurora 3D™ and Summit AI™ help dermatology researchers move from whole-sample imaging to measurable spatial biology across samples, cohorts, and treatment groups, supporting mechanism-, biomarker-, and response-focused studies.



1. Image skin tissue in 3D

Capture intact tissue architecture across a fuller sample context.



2. Segment biological structures

Identify cells, nerves, vessels, follicles, and structural features.



3. Extract spatial measurements

Quantify distances, densities, neighborhoods, and tissue architecture.



4. Build tissue signatures

Connect spatial features into measurable disease-relevant profiles.



5. Compare cohorts and treatment groups

Evaluate tissue signatures across patients, groups, and treatment arms.

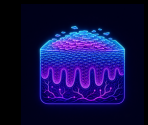
Relevant areas for dermatology research



**ATOPIC
DERMATITIS**



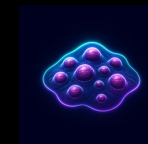
**HIDRADENITIS
SUPPURATIVA**



PSORIASIS



**ALOPECIA
AREATA**



**PRURIGO
NODULARIS**

SCAN TO EXPLORE 3D
DERMATOLOGY EXAMPLES

