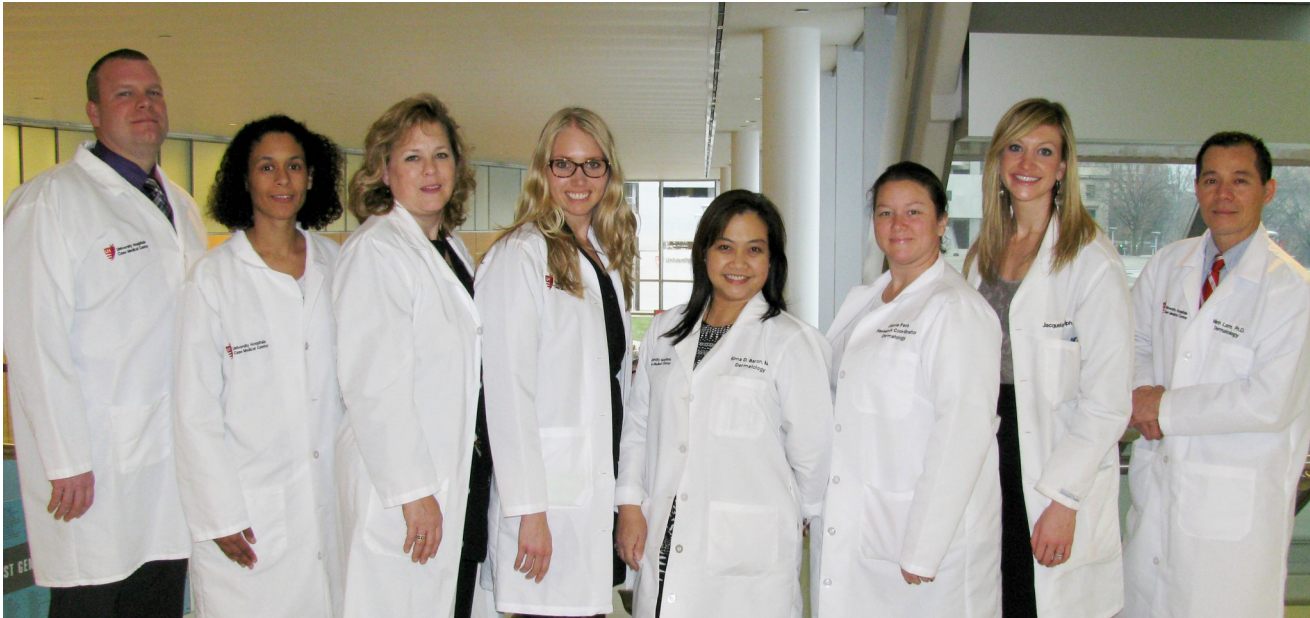


The Skin Study Center

A unique translational core and center for human subjects research, located within University Hospitals Case Medical Center and Case Western Reserve University School of Medicine.



Skin Study Center Staff (from left to right): Erich Zirzow, BS; A'ja Patterson; Mary Consolo, BS; Amanda Suggs, MD; Elma D. Baron, MD; Jennie Pexa, RN; Jacqueline Selph, MD; Minh Lam, PhD.

The Skin Study Center proudly collaborates with industry and academic partners to provide services and support investigators examining the skin, skin products, and skin diseases:

- Allergy Immune Response
- Antioxidants
- Hair Regrowth Agents
- Probiotics
- Sunscreens
- Other interventions aimed at protecting or improving the condition of human skin, hair, and nails

Goals:

- To facilitate human subject-based research in skin and skin diseases through translational research
- To serve as a tissue acquisition core providing skin biopsies, blood, and other tissue samples to investigators

...Joining forces to drive research success.

The Skin Study Center

The Skin Study Center has a wide spectrum of capabilities to facilitate and conduct clinical/translational research

Protocol and Research Study Collaborations with Industry Partners

Assistance with research design and regulatory compliance in accordance with IRB and Federal requirements

Blood Draws

Tissue Samples

Punch Biopsies (3-8mm)
Keratome Biopsies
Tapestripping (0.2-0.6mm)
Suction Blisters (1cm-2.5cm)
Stratum Corneum Stripping



Saliva Samples

Minimal Erythema Dose (MED) Determination

Photo-testing and Phototherapy

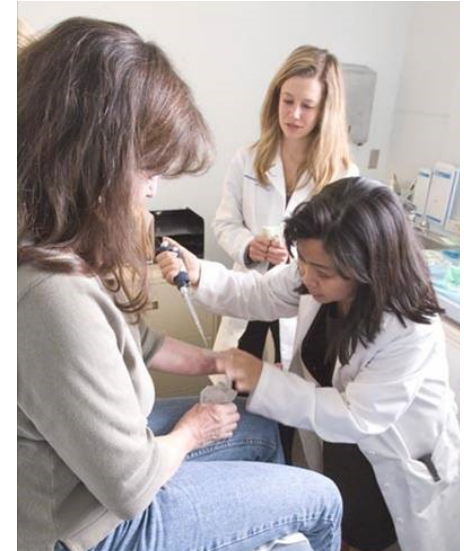
UV irradiation using Simulated Solar Radiation (SSR)
308nm UVB excimer laser
595nm pulsed dye laser
675nm red light laser
Intense Pulsed Light (broadband)
810nm diode laser (hair removal)
Erythema/Pigmentation Assessment using colorimetry
Chromametry

Product Application

Skin Sensitivity Tests

Allergen sensitization/elicitation (patch testing)

Ultrasound



Clinical Assessments

Utilization of skin scoring systems (Ex: PASI, SCORAD, SCINEXA)

Clinical Photography

TEWL (Transepidermal Waterloss Measurement)

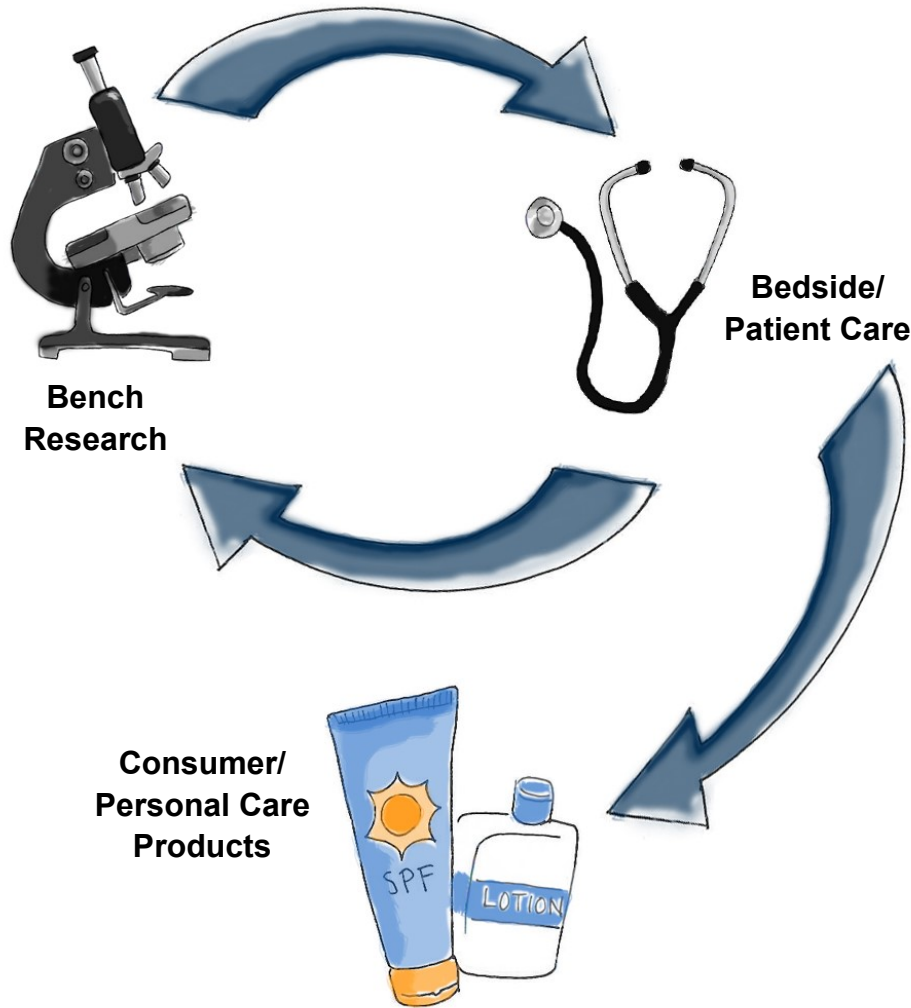
Contact Hypersensitivity Tests

SADBE (Squaric Acid Dibutyl Ester)
DNCB (dinitrochlorobenzene)
DPCP (diphenylcyclopropenone)

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The Skin Study Center

Translational Research



The center facilitates the iterative interaction (left) between basic science research and clinical research, depending on the design of the clinical study. This enables rapid translation of knowledge into useful practical interventions beneficial to skin health.

Leaders in Clinical and Translational Research University Hospitals Case Medical Center Department of Dermatology has a prominent National Institute of Health Skin Disease Research Center (SDRC) translational funded core. It is a Center for human subject research. This core brings the unique advantage of linking basic science investigation with clinical research, thereby allowing an efficient translation of knowledge gained to benefit patients in the long term.

The Skin Study Center upholds the highest standards in clinical research and oversight from University Hospitals Center for Clinical Research and Technology, and support from the Clinical and Translational Science Collaborative at Case Western Reserve University School of Medicine.

...Joining forces to drive research success.

The Skin Study Center



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Among the nation's leading academic medical centers, University Hospitals Case Medical Center is the primary affiliate of Case Western Reserve University School of Medicine, a nationally recognized leader in medical research and education.

UH Case Medical Center is the 2012 recipient of the American Hospital Association-McKesson Quest for Quality Prize.

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