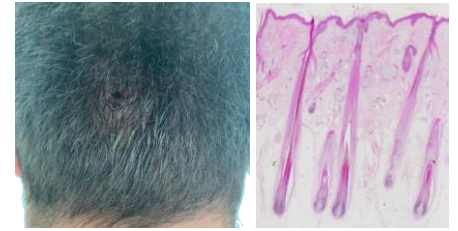


Characterization of biological targets in the skin

The greatest advantage to work with Monasterium Laboratory:
Access to healthy, lesional and non-lesional skin samples

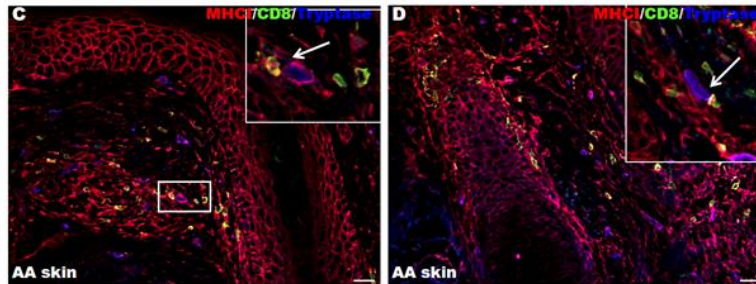
Collection of lesional and non-lesional skin samples from patients



Collection of healthy skin from elective surgeries or volunteers

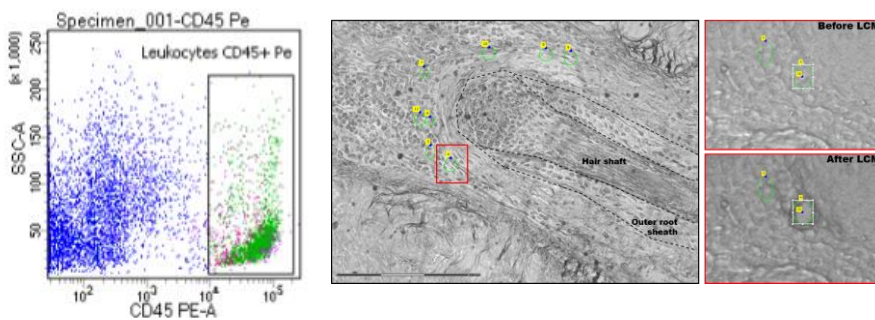
The greatest advantage to work with Monasterium Laboratory:
State-of-the-art techniques and customized analysis

Multiplex immunostaining protocols

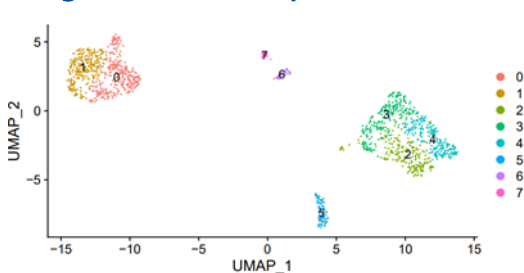


Bertolini et al., PloS One 2014

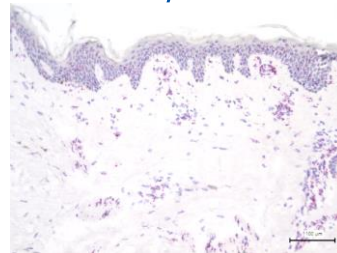
Single cell isolation using MACS, FACS cell sorting, or laser capture microdissection



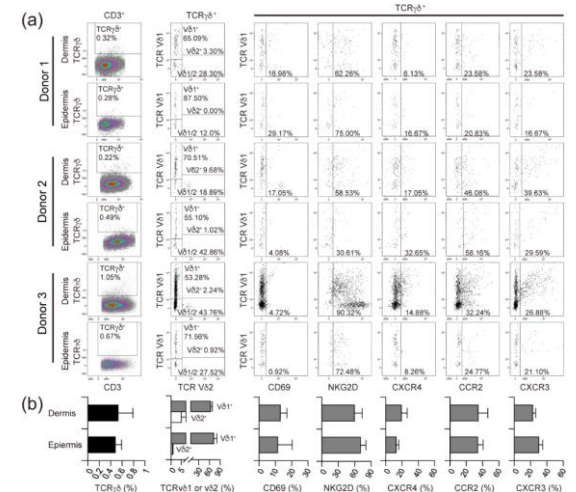
Single cell RNAseq



In situ hybridization



Complex FACS staining and analysis



Uchida et al. J Dermatol Sci 2020

Contact us! Additional techniques available!

Contact us for a customized study:

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For more details see also our webpage:
www.monasteriumlab.com

WHY US?



**MONASTERIUM
LABORATORY**
Skin & Hair Research Solutions

Our vision is to provide our clients and partners with the highest quality research in investigative dermatology and trichology – from basic science to translational applied and contract research of high relevance for clinical applications.

Great network of dermatologists and plastic surgeons collecting samples from healthy and diseased skin

World-class scientific leadership & international team

Clinically-relevant *ex vivo* and *in vivo* models

Strong academic background & publication record

What we can do for our clients:

- Conceptualize & build proof-of-concept studies
- Carry out full service portfolio for pre-clinical skin & hair research (*in vitro*, and *ex vivo* assays, and humanized mouse models)
- Provide access to human healthy & diseased skin and hair specimen
- Develop novel cutting edge methodologies and techniques
- Develop tailor-made & customized assays
- Identify, characterize, or validate novel targets and therapeutics for skin & hair disorders
- Discover mechanistic action stories, biomarkers & predictors of response
- Investigate side effects in the skin or hair follicle
- Conduct investigator initiated skin & hair clinical trials
- Prepare comprehensive project reports & manuscript drafts

Innovation is our passion: Innovative Technology Program

Exceptional state-of-the art research technology

Global client list & testimonials

Biobank: Full access to skin & hair samples (patients & healthy subjects)

Investigative dermatology:
Acne Vulgaris, Atopic Dermatitis, Psoriasis, Alopecia Areata, Androgenic Alopecia, Hidradenitis Suppurativa, Vitiligo, Chronic Itch, Prurigo Nodularis, etc.

We are supported by world-wide recognized experts in dermatology: Alfredo Rossi, Amos Gilhar, Désmond J. Tobin, Erwin Tschachler, Falk G. Bechara, Francisco Jimenez, Kristian Reich, Mauro Picardo, Thomas Luger, Tiago R. Matos, and many more!