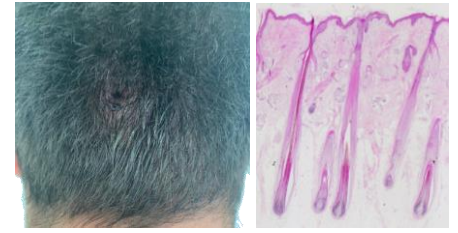


Characterization of biological targets in the skin

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

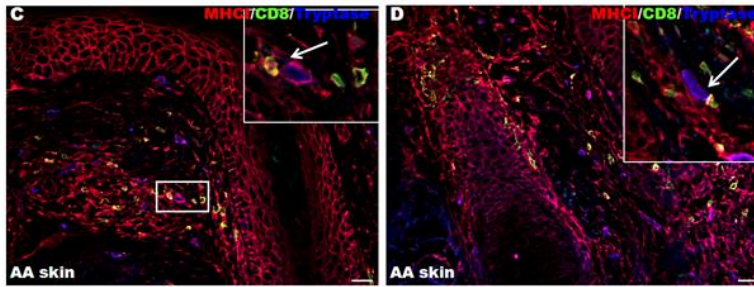
Collection of lesional and non-lesional skin samples from patients



Collection of healthy skin from elective surgeries or volunteers

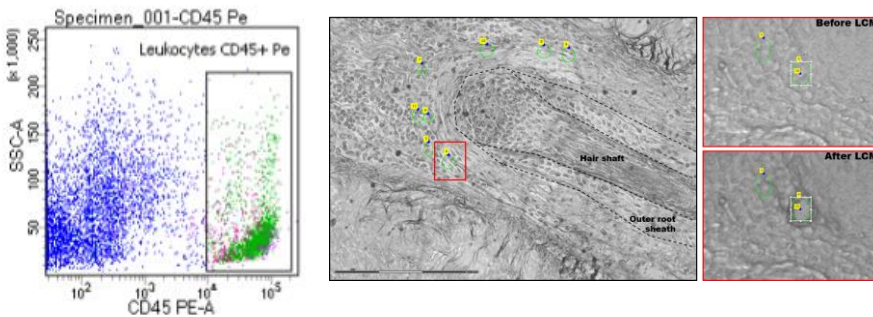
The greatest advantage of working with Monasterium Laboratory:
State-of-the-art techniques and customized analysis

Multiplex immunostaining protocols

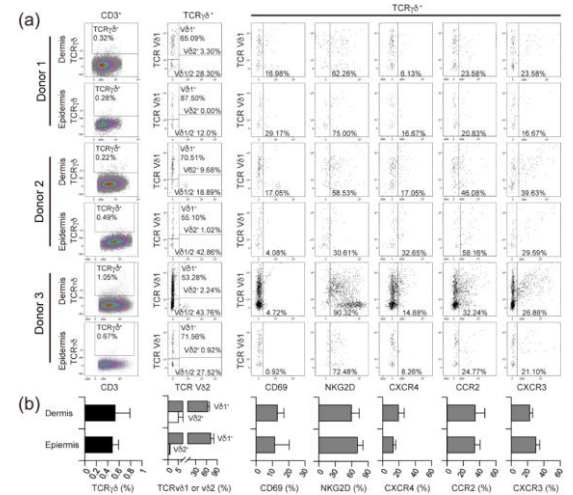


Bertolini et al., PloS One 2014

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



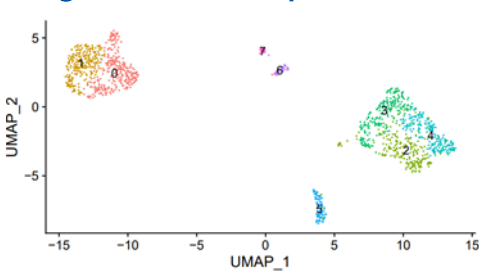
Complex FACS staining and analysis



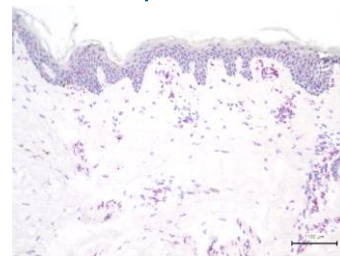
Uchida et al. J Dermatol Sci 2020

Contact us!
Additional techniques available!

Single cell RNAseq



In situ hybridization



Contact us for a customized study:

CSO & Deputy General Manager:
Dr. Marta Bertolini (PhD)
Deputy CSO & Team Leader:
Dr. Janin Edelkamp (PhD)

m.bertolini@monasteriumlab.com
+ 49 (0)251 93263-080

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

WHY US?



**MONASTERIUM
LABORATORY**

A Q I M A Life Sciences Company

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

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.

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/ex vivo* assays, and humanized mouse models)
- **Investigate side effects in the skin or hair follicle**
- **Establish novel cutting edge methodologies and techniques**
- **Design tailor-made & customized assays for all needs**
- **Identify, characterize, or validate novel targets and therapeutics for skin & hair disorders**
- **Discover mechanistic action stories, biomarkers & predictors of response**
- **Conduct investigator initiated skin & hair clinical trials**
- **Provide access to human healthy & diseased skin and hair specimen**
- **Prepare comprehensive project reports & manuscript drafts**

Our ambition is to establish and refine research techniques:
Advanced Methodology Program

Global client list & testimonials

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

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

Exceptional state-of-the-art research technology

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, Vinzenz Oji, Athanasios Tsianakas and many more!