

2-years postdoctoral and pre-doctoral positions are available at the Department of Medicine, Surgery and Dentistry 'Scuola Medica Salernitana' at the University of Salerno to study the role of trained immunity in chronic inflammatory skin diseases and identify new therapeutic targets. This ambitious translational project has been funded by Ministero della Salute and Next Generation EU PNRR: M6/C2_CALL 2022 to a multidisciplinary network.

The goals of the project are to identify novel inflammatory and immune-metabolic pathways under epigenetic regulation in adult and paediatric patients with chronic inflammatory skin diseases, and chronic graft-versus-host disease (cGVHD) following hematopoietic cell transplantation, with the aim to develop new personalized therapeutic approaches.

The project will employ cutting-edge technologies like skin 3D in vitro models, RNA sequencing, Luminex multiplexing, flow cytometry, High Content Screening confocal microscopy and nanotechnological drug carriers. The candidates will conduct translational research being actively involved in immunological and molecular biology analyses of patients' samples.

The requirements for the pre- and post-doctoral position are the following:

Pre-doctoral: recent degree in Biology, Biotechnology, Medicine or equivalent disciplines and basic laboratory research experience. Fellow represents an asset valuation for the access to the PhD program in Translational Medicine for Development and Active Ageing.

Post-doctoral: Life Science PhD and molecular, cell biology, biochemistry or similar experience documented by publications, at least one first authored in recognized journals. The candidate should be self-motivated and able to independently develop and execute project-related aims. We offer competitive salary commensurate to qualifications and experience.

Informal enquiries and applications can be sent to Prof. Rosanna Martinelli (rmartinelli@unisa.it)

Formal applications should follow online call publication in the next weeks.