





There is strong scientific evidence supporting the correlation between the composition of the microbiome and inflammatory processes across all mucosal barriers. Our overall well-being depends on this interaction and on the balance of microbiota biodiversity. Microorganisms play a crucial role in maintaining the proper function of the skin, and any dysbiosis, triggered by environmental factors, could potentially lead to severe skin conditions.

This project aims to investigate how the microbiota composition evolves with age and in response to environmental exposures such as climate, pollution, and UV radiation. By taking an integrated approach, we aim to identify molecular signatures associated with different skin types, allowing for a more comprehensive understanding of the relationship between host-microbe biology and various skin conditions or responses to treatments. Ultimately, this could lead to the identification of potential biomarkers for skin-related issues.

6 months

6 months, at Istituto Ganassini, Via Carlo Boncompagni, 63, 20139 Milano