

Attachment A Brief description of the training project

Title of the Training Project:

Design and experimentation of dermocosmetic strategies aimed at the treatment of skin diseases

Description of the scientific and educational objective: (min 1.000 characters - MAX 5.000 characters)

[also specify the consistency with disciplinary and thematic areas consistent with the needs of the country, as well as the regional territories involved in the program, in terms of highly qualified figures oriented to meet the innovation needs of the companies referred to in the PNRR;]

The topic of the research doctorate in "Cosmetological and dermatological sciences", to be carried out within the Doctoral Course in "Applied biology and experimental medicine - Curriculum n. 3 "Pharmaceutical Sciences" ", is designed to provide students with the necessary skills for employment opportunities at research institutions, universities and specialized companies operating in the field of cosmetics and advanced aesthetics. Candidates, to access the research course, must have a master's degree in CTF. Students will be able to use the tools and skills available in the Departments of the University. The unifying theme of the training offer concerns the integration of skills and methodologies for the study and development of innovative dermocosmetic strategies, for the treatment of human skin diseases and problems related to human health. The peculiarity of this approach requires the skills of different scientific areas, complementary to each other (Biology, Chemistry, Physics, Medicine, Engineering).

Research in this area is focused on the extraction and purification of functional molecules derived from marine organisms and / or native terrestrial vegetation to be used for the development of innovative cosmetic formulations aimed at giving real support to the treatment of skin diseases with particular reference to autoimmune diseases. of the skin, to be used as adjuvants to drug therapies.

The aim of the PhD is the creation of a new high researcher profile qualification with solid knowledge in the field of the main skin diseases and capable of creating innovative dermocosmetic formulations that can give an impact significant both for human health and in terms of growth and development of the country.

Company Supervisor: Dr. Marra Pasquale Andrea

Methods of carrying out training and research activities:

The methods for carrying out the training and research activities relating to the topic of the doctorate in "Cosmetic and dermatological sciences", will be defined in synergy with the selected researcher.

Effects and expected results with particular emphasis on promoting economic development and the production system:

They will be defined in synergy with the researcher selected . _____

The Farmacia Marra company will host the PhD student beneficiary of the scholarship financed on the resources of the Ministerial Decree 352/2022 for 12 months during the course of the doctorate.

Period abroad for no. 6 months at the following institution:
to be defined