

## Role and importance of Women in NanoAlb

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### Abstract

Nanoscience and Nanotechnology today are important directions of scientific research related to all aspects of life, social, economic, technological and innovative. They offer special opportunities for science and industry, enabling the synthesis and use of new specific materials. This field of scientific research, which began to be elaborated in the 60s and 80s, was quickly transferred to all scientific research institutions, including Albanian researchers in Albania, Kosovo, North Macedonia and Montenegro. The Academy of Sciences of Albania, considering Nanoscience and Nanotechnology as one of the priorities of the development of scientific research in Albania, founded the Albanian Center of Nanotechnology (NanoAlb), in 2019, based on 14 research groups from Albanian-speaking Universities in our region. NanoAlb continues to operate as a virtual center that coordinates the activities in the area of nanoscience and nanotechnology, expanding and increasing the scientific level of its expertise.

NanoAlb today consists of 30 Albanian research groups and 5 satellite research groups in Spain, Israel, Italy, Greece and Serbia. 56% of the groups are led by successful women in science and life. Their expertise is related to studies in nanomaterials and characterization, nano-engineering and nanophysics, biotechnology, pharmaceutical, sensors, agriculture, building materials, textile industry, etc. Their presence and contribution is very important in all the activities of NanoAlb, such as the organization of workshops, conferences, the coordination of scientific projects and their implementation, the leader of master's studies and doctoral studies, the preparation and implementation of the Program "Master's in Nanotechnology", Young Researchers Program-QUARTZ, etc.