

CV Alberto Martis

Alberto Martis, born on December 12, 1989, in Cagliari, he earned his degree in Chemistry and Pharmaceutical Technologies from the University of Cagliari, completing a thesis in organic chemistry titled "Acid-Catalyzed Reaction of 2-Hydroxycyclobutanone with Benzylic Alcohols." His research led to two publications: one sharing the thesis title and another titled "Acid-Catalyzed Synthesis of Functionalized Arylthio Cyclopropane Carbaldehydes and Ketones."

After graduating, he worked as a postgraduate trainee at Cagliari Laboratories and later secured a research fellowship at the Polytechnic University of Turin. During his three-year fellowship, he specialized in polymers and materials for CO₂ capture. He then won a doctoral fellowship in Materials Science and Technology at the Polytechnic University of Turin, focusing on developing a mixed matrix membrane for CO₂ separation, specifically creating an ethanol-dispersible graphene at a concentration of 1 mg/mL.

Following his doctorate, he joined the Italian Institute of Technology, where he works on extracting and valorizing biological materials derived from Spirulina and Aloe as part of the MIUR-funded VIVA3D project. He continues his research there as a Postdoc

A word cloud of scientific and technical terms. The most prominent words are 'chemistry', 'sustainability', 'extraction', 'dsc', 'ftir', 'organic', 'carbon', and 'polymers'. Other visible terms include 'capture', 'material', 'pharmaceutical', 'uv-vis', 'tga-ir', 'science', and 'esem'.