

UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

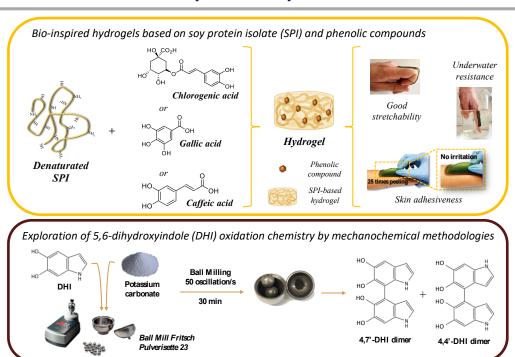
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVII Cycle)



First year activity

The first year research activity has been directed to the manufacturing of adhesive products based on soy protein isolate (SPI) and phenolic compounds to be used e.g. as surgical glues, and to the re-examination of the oxidative chemistry of 5,6-dihydroxindole (DHI), a precursor of natural melanins, in the perspective of getting access to new melanin-related materials.



Ph.D. Student Sara Viggiano

Title

"Natural and bio-inspired phenolic polymers for the design of innovative functional materials: tailoring properties by ad hoc synthesis and chemical manipulation."