

UNIVERSITY OF NAPOLI "FEDERICO II" POLYTECHNIC AND SCIENCE SCHOOL Department of Chemical Sciences Ph.D. School in Chemical Sciences (XXXVII Cycle)



## First year activity

Melanins are interesting biodegradable conducting polymers for bioelectronics. Structural and chemical properties of synthetic and functionalized eumelanins (eumelan thioglycoderivatives) have been investigated focusing on the development of bioelectronic devices constituents.

Ph.D. Student: Emanuele Carrella

**Title:** Smart Electronic Platforms: bioelectronic devices on bioinspired conformable substrates.

BIOELETTRONICA

