



**DOCTORATE COURSE:
"Biotechnology and smart practices for a sustainable management of natural
resources, food and agriculture"**

INDIVIDUAL EDUCATIONAL PLAN

CYCLE XXXVIII

STUDENT	Name Guerrieri Angela
TUTOR	Name Corbo Maria Rosaria (AGR/16 AGRICUTURAL MICROBIOLOGY)
CO-TUTOR	Name and Institution Conversa Giulia (DAFNE) (AGR/04 VEGETABLE AND ORNAMENTAL CROP)

CURRICULUM	1 <i>Sustainable Agriculture, Natural Resources and Biodiversity</i> <input type="checkbox"/> 2 <i>Emerging Technologies for Ensuring Food Quality and Safety</i> <input checked="" type="checkbox"/>
AREA OF RESEARCH INTEREST	The project will be focused on medicinal and halophyte plant products by performing microbiological, nutritional and agro-environmental characterization. In particular, the research activities will be aimed to the isolation characterization and selection of endophytic and rhizosphere' bacteria to be used as potential bio-resources (e.g., PGPB, Plant Growth Promoting Bacteria).
PROVISIONAL TITLE of the RESEARCH PROJECT	"Selection of medicinal and halophyte plant products for the sustainable valorization of traditional foods and unexploited resources".



**UNIVERSITÀ
DI FOGGIA**

**DOCTORATE "BIOTECHNOLOGY AND SMART PRACTICES FOR A
SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES, FOOD AND
AGRICULTURE"**

Dipartimento di Scienze Agrarie, Alimenti, Risorse Naturali e Ingegneria
Università di Foggia

DOCTORAL SCHOLARSHIP	Ateneo <input type="checkbox"/> DM 351 <input type="checkbox"/> DM 352 <input type="checkbox"/> PNRR Agritech <input checked="" type="checkbox"/> Comunale <input type="checkbox"/>
TRAINING PERIOD OUTSIDE UNIFG (company, other Italian Institution)	September 2023 - March 2024 Department of Soil Plant and Food Sciences, University of Bari Aldo Moro
TRAINING PERIOD ABROAD	The project does not account for a period outside University of Foggia however, this trait will be evaluated in due course depending on the needs to carry out specific activities requiring special equipment.

MANDATORY COURSES	YEAR OF COURSE	CV	HOURS/CREDITS	PROFESSOR
Informative systems and data elaboration: descriptive statistics	1 st	1, 2	16 HR/2 ECTS	Fabio SANTERAMO
Informative systems and data elaboration: experimental design	1 st	1, 2	24 HR/3 ECTS	Giuseppe GATTA
Basics of programming	1 st	1, 2	16 HR/2 ECTS	Annalisa MASTROSERIO
Advanced statistic	2 nd	1, 2	20 HR/ 2 ECTS	Massimo MONTELEONE
OPTIONAL COURSES at choice at least 2 (4 ECTS)	YEAR OF COURSE	CV	HOURS/CREDITS	PROFESSOR and INSTITUTION
Impact of microbial communities in food environment	2 nd	1,2	16 HR/2 ECTS	Barbara SPERANZA
Trends in analytical techniques for quality and safety controls in the agro-food sector	2 nd	2	16 HR/2 ECTS	Maurizio QUINTO

Doctoral Student

Tutor

Elisabetta Guerreschi

René Roseré Calvo