



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

INDIVIDUAL EDUCATIONAL PLAN

CYCLE XXXVIII

STUDENT	Maria Ida de Stefano
TUTOR	Prof. Giovanni Messina
CO-TUTOR	Prof.ssa Rita Polito

CURRICULUM	<i>2 Emerging Technologies for Ensuring Food Quality and Safety</i>
AREA OF RESEARCH INTEREST	<ul style="list-style-type: none">- Metabolic-vegetative structure in physiological and physio-pathological conditions with particular reference to the para-physiological conditions of excess weight and relationships in sport;- Effect of dietary restriction on oxidative stress and nutritional status.;- application of novel biotechnology in nutrition;
PROVISIONAL TITLE of the RESEARCH PROJECT	The effects of BIO protein flours enriched with essential amino acids and B vitamins use in a ketogenic diet.



**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 X DM 351 • DM 352 • PNRR Agritech • Comunale •
TRAINING PERIOD OUTSIDE UNIFG (company, other Italian Institution)	Azienda Agricola SANABEA, Corso Skanderbeg, 30 71010 Chieuti (FG)
TRAINING PERIOD ABROAD	University of Malta During beginning of third years of PhD programe

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 and environment	2 ^{ed}	1, 2	16 HR/2 ECTS	Barbara Speranza
Trends in analytical techniques for quality and safety controls in the agro- food sector	2 ^{ed}	2	16 HR/2 ECTS	Maurizio Quinto

Doctoral Student

Maria Loe de Stef

Tutor

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