



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

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

**INDIVIDUAL EDUCATIONAL PLAN**

**CYCLE XXXVIII**

<b>STUDENT</b>	Damiano Antoniciello
<b>TUTOR</b>	Prof.ssa Laura de Palma
<b>CO-TUTOR</b>	

<b>CURRICULUM</b>	<b>1 Sustainable Agriculture, Natural Resources and Biodiversity</b> <input checked="" type="checkbox"/> <b>2 Emerging Technologies for Ensuring Food Quality and Safety</b> <input type="checkbox"/>
<b>AREA OF RESEARCH INTEREST</b>	Ecophysiology, technology and quality of fruit tree production.
<b>PROVISIONAL TITLE of the RESEARCH PROJECT</b>	Investigation of resilience to climate change, nutritional and health advantages and techniques for sustainable cultivation of local fruit tree genotypes in marginal inland areas.
<b>DOCTORAL SCHOLARSHIP</b>	Ateneo <input type="checkbox"/> DM 351 <input type="checkbox"/> DM 352 <input type="checkbox"/> PNRR Agritech <input type="checkbox"/> Comunale <input checked="" type="checkbox"/>
<b>TRAINING PERIOD OUTSIDE UNIFG (company, other Italian</b>	(possible period and hosting Institution)



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<b>Institution)</b>	
<b>TRAINING PERIOD ABROAD</b>	(possible period and hosting Institution) Possible period: 3 <sup>rd</sup> year of PhD course Hosting Institution: Washington State University (USA)

MANDATORY COURSES	YEAR OF COURSE	CV	HOURS/CREDITS	PROFESSOR
Informative systems and data elaboration : descriptive statistics	1 <sup>st</sup>	1, 2	16 HR/2 ECTS	Fabio SANTERAMO
Informative systems and data elaboration : experimental design	1 <sup>st</sup>	1, 2	24 HR/3 ECTS	Giuseppe GATTA
Basics of programming	1 <sup>st</sup>	1, 2	16 HR/2 ECTS	Annalisa MASTROSERIO
Advanced statistic	2 <sup>nd</sup>	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
Trends in analytical techniques for quality and safety controls in the agro- food sector	2	2	16 HR/2 ECTS	Maurizio Quinto
Impact of microbial communities in food and environment	2	1, 2	16 HR/2 ECTS	Barbara Speranza
Machine vision for food quality inspection	2	2	36 HR/4 ECTS	Giancalro Colelli Roberto Romaniello

Doctoral Student

*Domènec Anunciado*

Tutor

*Federico Sella*