

**EUROPEAN
CURRICULUM VITAE
FORMAT**



Personal information

Name SCIEUZO CARMEN
Address PIAZZA ANDREOLO, 8 – POTENZA
E-mail carmen.scieuzo@unibas.it
Date and place of birth 07/04/1988 – POTENZA
ORCID ID: 0000-0001-5540-0712

Scopus ID: 57195718863

Google scholar id: kWXhubYAAAAJ&hl=it

<https://www.researchgate.net/profile/Carmen-Scieuzo>

Email: carmen.scieuzo@unibas.it

Work experience

16/05/2022 to today

Researcher for the scientific disciplinary sector AGR/11 "General and applied entomology" at the Department of Sciences, University of Basilicata

22/02/2021 to 15/05/2022

Extracurricular internship at the Science Department of the University of Basilicata, in collaboration with Total E&P Italia S.p.A.

11 April 2016 – 11 April 2017

Fellowship "Fondo per studenti meritevoli affetti da gravi patologie" ("Fund for deserving students suffering from serious diseases"), with the project "Study of biochemical pathways related to the post-embryonic development of insects: the model system *Heliothis virescens*", at the University of Basilicata.

Education

November 2017- December 2021

International PhD in "Applied Biology and Environmental Biology", Università degli Studi della Basilicata – Italy. Regional grant "Innovative PhD agreement with specialization in enabling technologies in Industry 4.0" with the topic: "Use of organic materials to obtain valuable products through bioconversion"

Title obtained on 15/02/2021

June - November 2020

Abroad period as part of the PhD course in Applied Biology and Environmental Safeguard, XXXIII cycle, carried out in smart working in collaboration with the Dutch company Protix (Dongen, Nederland), under the supervision of Dr. Eric Schmitt, director in the Research and Development sector

February 2016 – March 2017

Master in "Biomedical, Autoptic and Histocytotechnologists Sciences" at the "Università Cattolica del Sacro Cuore", Rome. Thesis in pharmacogenetics entitled: "Pharmacogenetics for the treatment of Cystic Fibrosis: new drugs development and clinical use in the regional Centre of Basilicata"

Title obtained on 27/03/2017

2015

Master's degree in biotechnology for Medical, Pharmaceutical and Veterinary Diagnostics LM–09 (II degree)- at the University of Basilicata with 110/110 cum laude.

Thesis in molecular biology entitled: "Molecular mechanisms of ecdysteroidogenesis in Lepidoptera *Heliothis virescens*: the involvement of the kinase TOR". Title obtained on 26/03/2015

Founding partner of "Xflies s.r.l.", academic spin off and innovative start-up. The Company's


object is the creation, management and development of breeding systems on standard artificial diets and by-products of the agri-food industry of beneficial insects, in particular insects to be used in the biological control of pests for the protection of crops and useful insects for bioconversion processes, to be used for feed and in perspective food and as a source of molecules and model systems to study conserved biochemical pathways. In addition, the company markets insects for the production of insect meal and processed animal proteins (PAT) to be used for feed in the food perspective and is engaged in research activities related to the production of antimicrobial peptides such as recombinant proteins and extraction, purification and characterization of chitin and its derivative, chitosan from insects.

Prizes

- Winner of the Start-up competition "Start Cup Basilicata 2018" as a member of the team called "XFliesS"
- Prize for second place awarded ex aequo to the four finalists of the Heroes Prize competition of the Euro Mediterraneo Festival on Innovation and Enterprise- Heroes, Maratea 20-22 September 2018 with the idea of innovative start-up XFlies
- Winner of EIT Food Innovation Prizes 2019, 26 July 2019, at Tecnopolis, Valenzano (BA), as a member of the start-up "XFlies". Award in services including free participation in the first edition of the short master in "INNOVATION & YOUTH ENTREPRENEURSHIP IN THE MEDITERRANEAN AGRO-FOOD SECTOR" organized by CIHEAM, Bari
- Winner of "Power2Innovate - Energies for a sustainable future", Agrifood Area, 4 December 2020. Award: 6-month entrepreneurial acceleration path aimed at perfecting the business model designed and developed by The European House Innovation & Technology Hub - Ambrosetti, mentoring and support from Total managers in the development of their projects, direct access to tenders launched by Total E&P Italia in their respective areas of competence.
- Winner of the "Regional Competition between new PhDs - 2021 edition" "3 Years in 3 Minutes - 3A3M" organized by the Apulian Academy of Sciences - certificate of merit and publication of an extended abstract of the thesis for publication in a volume of the Series "Acts and Relations" of the Academy. September 29, 2021.

Authors of 25 publications, h-index 13, 572 citations.

Potenza 26.04.2023



The undersigned Carmen Scieuzo, Italian citizen, is aware of the requirements of Article 76 of Presidential Decree 445/2000 on the forfeiture of any resulting benefits and of the measure adopted on the basis of false declarations and Article 76 on the criminal liability I can meet in case of false statements. Under my responsibility, I declare: the truthfulness of my Curriculum Vitae. Furthermore, the undersigned Carmen Scieuzo authorizes the processing of personal data, in accordance with Legislative Decree 196 of 30 June 2003 "The General Data Protection Regulation" and of the GDPR (EU Regulation 2016/679).

Carmen Scieuzo, PhD
Dipartimento di Scienze
Università degli Studi della Basilicata
Via dell'Ateneo Lucano, 10
85100, Potenza