## EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name LARA MAISTRELLO

Address UNIVERSITÀ DI MODENA E REGGIO EMILIA

Telephone +39 0522 522002 office

+39 0522 5223544 laboratory

ORCID SCOPUS links Other link

0000-0002-2996-8993

https://www.scopus.com/authid/detail.uri?authorId=6602376754

http://personale.unimore.it/rubrica/dettaglio/lmaistrello

E-mail lara.maistrello@unimore.it

Nationality Italian

Gender Mother Tongue Female Italian

Other Languages English: excellent (written/spoken); Spanish: fluent (written/spoken)

SCIENTIFIC PRODUCTION AND MAIN ACHIEVEMENTES (UPDATED 19/12/2024)

- Total Number of publications= 189 articles (116 on Indexed Journals, 73 on non-indexed journals); 10 chapters in books, 106 contributions to International congresses, 79 contributions to Italian congresses, 3 patents, 3 Scientific reviews of books.
- H-INDEX: 34 (calculated on 116 documents); 3361 Citations by 2291 documents (Scopus, 14/7/2025)
- 2024 (July <sup>2nd</sup>) Member of the European Food Safety Authority (EFSA) Scientific Panel on Plant Health (PLH) for the mandate 2024-2029. https://open.efsa.europa.eu/scientific-panel/11

## PUBLIC ENGAGEMENT ACTIVITIES

- Highly involved in public engagement (PE) activities: carries out intense scientific and technical dissemination activities in Italy and abroad on the results of the research carried out and on topical issues relating to insects. A full list of PE activities can be provided upon request. Below the most relevant ones.
- Invited speaker in 112 scientific-technical seminars in agri-food contexts, 12 of which for non-ltalian events/institutions
- Invited speaker in 59 public dissemination seminars
- She has been a guest on national radio and television broadcasts and has granted numerous interviews for agricultural and scientific newspapers, magazines and web portals.

## **WORK EXPERIENCE**

• Dates (from - to)

1/10/2019 - today

• Name and address of the employer

University of Modena and Reggio Emilia - Department of Life Sciences

• Type of business or sector

Academic

• Occupation or position held

Associate professor - General and applied entomology qualified as Full Professor

· Main activities and responsibilities

Teaching to undergraduate, graduate and doctoral students

Member of the councils of: Dept. of Life Sciences; Doctorate in Agri-Food Sciences, Technologies & Bio-Technologies (STEBA); Member of the Scientific Committee of the Inter-Departmental Centre BIOGEST-SITEIA.

Referent for the orientation of the following courses:

- Bachelor in "Agricultural and Food Sciences and Technologies"
- Master in "Integrated Sustainability of Agricultural Systems"

Research activity: Currently focused on sustainability in the agri-food sector both in terms of environmentally friendly management of pests (with a focus on invasive insects, aphids and houseflies) using biological control and behavioural strategies, the monitoring and protection of pollinators such as hoverflies and bees, and the use of insects as valuable resources in a circular economy perspective.

Responsible for the Applied Entomology Laboratory, with adequate skills and equipment to carry out applied research projects on innovative solutions for the sustainable management of insect pests in the agro-food supply chains and the use of insects in a circular economy perspective, skills on mass rearing of different insect species.

<u>Coordinator and principal investigator of projects</u> focused on the biology, biocontrol and sustainable management of invasive insects, in particular the brown marmorated stink bug *Halyomorpha halys* and on projects on the use of the black soldier fly *Hermetia illucens* for the valorisation of organic by-products, obtaining products for agriculture and feed/food industry.

<u>Obtained important assignments of scientific-technical consultancy</u>, also at an international level, on issues related to pests of foodstuffs, wood and other commodities.

Holder of dozens of <u>research contracts / agreements</u> financed by companies and organizations on the sustainable management of insects in agricultural and urban areas and on surveys of pollinators in natural parks.

· Dates (from - to)

Name and address of the employer

Type of business or sector

· Occupation or position held

• Main activities and responsibilities

• Dates (from - to)

· Name and address of the employer

• Type of business or sector

Occupation or position held

Main activities and responsibilities

• Dates (from - to)

Name and address of the employer

• Type of business or sector

Occupation or position held

• Main activities and responsibilities

• Dates (from - to)

• Dates (from - to)

Name and address of the employer

• Type of business or sector

· Occupation or position held

Type of business or sectorOccupation or position held

• Main activities and responsibilities

31/12/2002 - 30/09/2019

University of Modena and Reggio Emilia - Department of Life Sciences

Academic

Researcher - General and applied entomology (AGR/11)

Similar to the previously described ones

1/07/2002 - 30/12/2002

University of Modena and Reggio Emilia, Faculty of Agricultural Sciences, Spinner Consortium (European Social Fund and Emilia Romagna Region)

Academic

Holder of a "Spinner" fellowship

Develop a technology transfer project involving the Faculty of Agriculture of the University of Modena and Reggio Emilia and the company INTRACHEM BIO Italia S.p.A. on "Evaluation of vetiver oil and its components in the fight against phytophagous arthropods"

1/10/2001 - 31/01/2002

Louisiana State University - Agricultural Center (Baton Rouge, LA, USA), Dept. Entomology,

Academic

Research Assistant Professor

Research on evaluation of botanicals in urban pest control strategies. Supervisor of graduate

students. Management of student workers and lab equipment

15-08/1999 - 1/10/2001

Louisiana State University - Agricultural Center (Baton Rouge, LA, USA), Dept. Entomology,

Academic

Post-doctoral Researcher

Research on botanicals efficacy on termite pests (Coptotermes formosanus). Management of

student workers and lab equipment

1997-1999

• Name and address of the employer University of Ferrara, Dept. of Biology

Academic

Post Doctoral Researcher

Main activities and responsibilities
 Research on IGRs effects on termite development /behaviour. Supervisor: Prof. Giovanni Sbrenna

#### OTHER WORK EXPERIENCES

- -July 2024 Appointed as member of the EFSA Panel on Plant Health (PLH) for 2024-2029 by EFSA (European Food Safety Authority)
- 2009 Appointed by AKTC (Aga Khan Trust for Culture) as a <u>scientific-technical specialist</u> <u>consultant</u> in the restoration project of the Djingarey Ber Mosque in Timbuktu (Mali, Africa), with the aim to monitor and assess the condition of the timber elements of the Mosque, infested by xylophagous insects, and to propose an effective, durable and sustainable pest control strategy. The full report of the activity was delivered to the Ministry of Culture of Mali.
- 2011 Appointed by AKTC (Aga Khan Trust for Culture) as a <u>scientific-technical specialist</u> <u>consultant</u> in the restoration project of three historical buildings in Damascus city (Siria), with the aim to monitor and assess the conditions of the structural and decorated timber elements of the buildings, infested by xylophagous insects.

## **EDUCATION AND TRAINING**

• Dates (from - to)

 Name and type of organisation providing education and training

• Principal subjects/occupational skills covered

· Title of qualification awarded

• Dates (from - to)

 Name and type of organisation providing education and training

 Principal subjects/occupational skills covered

Title of qualification awarded

• Dates (from - to)

• Name and type of organisation providing education and training

 Principal subjects/occupational skills covered

· Title of qualification awarded

• Dates (from - to)

• Name and type of organisation providing education and training

 Principal subjects/occupational skills covered

· Title of qualification awarded

**QUALIFICATIONS - NOMINATIONS** 

2022 (June-July)

Wageningen University and Research

Use of insects for organic substrate valorization, industrial mass rearing of insects, quality, safety and legal aspects

Successfully attended "Summer School Insects as Food & Feed"

2008 (15-27 June)

Michigan State University. (MI, USA)

Arthropod-mediated ecosystem services, management of agroecosystem with agroecology principles, case studies and field visits

Successfully attended "International Short Course in Agroecology, IPM and Sustainable Agriculture"

1994 - 1996

University of Bologna

Castal differentiation in the Isoptera. Study of the behaviour and of the interaction patterns involved in the regulation of social equilibrium in the termite *Kalotermes flavicollis*. Thesis supervisor: Prof. Giovanni Sbrenna

PhD school in Animal Biology

1989 - 1992

University of Parma

Experimental thesis on "Social transmission of food preferences in the mouse (*Mus domesticus*): observations on wild populations bred in captivity". Thesis supervisors: Proffs. Danilo Mainardi, Marisa Mainardi Berti, Paola Valsecchi.

Bachelor in Biological Sciences, with honours

- -2017 <u>Qualification as Full Professor</u>, obtained by MIUR, Bando D.D. 1532/2016, Sector 07/D1 Plant Pathology and Entomology.
- -2014 <u>Qualification as Associate Professor</u>, obtained by MIUR, Bando 2013 (DD n.161/2013), Sector 07/D1 Plant Pathology and Entomology.
- November 2019: <u>Appointed member of the "National scientific-technical coordination table for the biological control of the brown marmorated stink bug *Halyomorpha halys*" by the Italian Ministry of Agriculture Food and Forestry.</u>

#### IU

TEACHING ACTIVITIES and STUDENT SUPERVISION

Presently she teaches:

- -"Entomology" (module of the course Entomology and Plant Pathology) (6CFU= 48 hours) for the Bachelor's Degree in "Agricultural and Food Sciences and Technologies", UNIMORE
- -"Sustainable approaches for integrated management of plant pests" (6CFU=48 hours) for the

Master's Degree in "Integrated Sustainability of Agricultural Systems", UNIMORE

- -"Animal pests of stored agrifood products and their management" for the International Inter-University Master course "Food Safety and Food Risk Management" (6CFU= 52 hours). At UNIMORE from 2002 to 2022 she has always been the only holder of all courses related to general/applied entomology, including Plant Protection from Insect Pests.
- •Lecturer for STEBA PhD School, topic: Insect Farming: Sustainable approaches for biowaste valorization and the production of feed and food (since 2021)
- •Lecturer for STEBA PhD School, topic: Management of Invasive Alien Species (since 2014)
- Lecturer at Univ. Izmir (Turkey), Agreement for mobility of teachers/staff KA1 higher education under the Erasmus+ programme. Topic: Sustainable management of invasive species, with focus on the Brown marmorated stink bug (8 hours, in English, 4-12 January 2025)
- Lecturer for Biology PhD School of the University of Seville (Spain), topic: "The invasive Halyomorpha halys, an emerging threat for agricultural crops in Europe. An overview on its biology, ecology, spread patterns, and innovative IPM approaches" (18/11/17)
- Lecturer at Univ. Seville (Spain), Erasmus Teaching Mobility Program, 2009. Topic: Sustainable control of insects in agro-ecosystems (6 hours, in Spanish)
- <u>Supervision of the research activities of 14 doctoral students</u> (three of whom are in progress); supervisor of the abroad experience for a PhD Student from Un. Cluj-Napoca (Romania); tutor of the Master's thesis of a student from IAMB (Mediterranean Agronomic Institute of Bari); <u>supervisor</u> of 66 undergraduate and of 24 Master **students' thesis**.
- •Host of the visiting Professor Dr Alejandro Tena (IVIA) (March-April 2024)
- •Promoter of agreements for academic/cultural/scientific-technological collaboration between UNIMORE and: Un. Liege (Belgium), Un. Surrey (UK), Un. Seville (Spain); Un. Huddersfield
- •Organizer/lecturer: "Halyomorpha halys: from threat to concrete problem. A very difficult 2015 and an uncertain future". Modena, 6/2/2016
- •Organizer/lecturer: "Workshop: recent research trends on Halyomorpha halys", Reggio Emilia, UNIMORE, 5/2/2016
- Scientific-organizing committee "XV CONVEGNO NAZIONALE A.I.S.A.S.P", Reggio Emilia, 18-19/9/2014
- •Organizer/lecturer: "Theoretical-Practical Course of Forensic Entomology", **2**<sup>nd</sup>-4<sup>th</sup> editions, run by GIEF. Reggio Emilia, 27-29/1/2011; 18-21/9/2013
- •Organizing committee of "5th EURO-IUSSI". Montecatini Terme (PT), 26-30/8/2012
- •Organizing committee of "Evolution in Communication and Neural Processing" Modena, 18-19/11/2010
- •Scientific Committee of the exhibition "Darwin: Modena and 200 years of evolution," where she was also lecturer and curator of panels related to eusociality and coevolution. Modena, 14/9/2009–24/1/2010.
- Invited speaker in 2 Public sessions of the Italian National Academy of Entomology (ANIE), on 18/11/2022 (round table on "Edible insects: from biology to applications") and 22/02/2019 ("The brown marmorated stink bug *Halyomorpha halys*: new findings and management applications")
- Invited speaker in 5 seminars held in Academic context
- 2022: Best Demonstration Award for the demo "A Drone-based Application for Scouting Halyomorpha halys Bugs in Orchards with Multifunctional Nets", authors: Betti Sorbelli F., Corò F., Das s.K., Di Bella E., Maistrello L., Palazzetti L., Pinotti M.C. IEEE International Conference on Pervasive Computing and Communications, Pisa, March 21-25, 2022
- 2020: Special mention for the POR-FESR "FLIES4VALUE" Project, as part of the "Responsible Innovators Award" 2020 Edition, organized by the Emilia Romagna Region, single winner in the "Second grade secondary schools and universities" category
- 2018: Special mention for the POR-FESR "VALORIBIO" Project, as part of the Award of Excellence "Towards a circular economy" 2018 Edition, organized by KyotoClub and Cogeme Onlus Foundation.

FUNDED PROJECTS

Scientific coordinator/Principal investigator of the following competitive projects:

- 04/11/2024-31/10/2027 PRODIP New strategies and protocols for using corroborants to supplement the defense of the Pear Tree. Funded by COPSR REGIONE EMILIA-ROMAGNA 2023-2027 REG. (UE) N. 2021/2115 DEL 2 DICEMBRE 2021 INTERVENTO SRG01-SOSTEGNO AI GRUPPI OPERATIVI PEI AGRI Deliberazione della Giunta regionale n. 2343/2023. Role: P.I
- 01/04/2023-30/12/2025 INTEGR-HALYS Integration of innovative techniques for the sustainable management of the Brown marmorated stink bug. Funded by Emilia-Romagna Region under Regional Law no. 17 (27/10/2022) on 'Urgent interventions in support of the

SCIENTIFIC ORGANISATION and

COORDINATION OF ACADEMIC

**ACTIVITIES** 

PRIZES AND AWARDS

- agricultural, agri-food, fisheries and land reclamation sectors', Art.1 'Interventions for innovation in the agricultural and agri-food sector'. Coordinated by Ri.Nova. Role: P.I https://rinova.eu/it/progetti/integrhalys-tecniche-sostenibili-contro-la-cimice-asiatica/
- 01/09/2023 31/08/2024-MARK-HOVER Identification of suitable marking methods to implement the efficacy of the predatory hoverfly *Sphaerophoria rueppelli* as an aphid biocontrol agent in greenhouses. **Funded by Department of Life Sciences, UNIMORE "FAR2023PD"** Role: P I
- 2021-2024 FLIES4FEED (ID: 5201624) New animal feed from insects by enhancing agroindustrial waste and biogas plants. Funded by the Region Emilia-Romagna, PSR 2014-2020 Op. 16.1.01-GO PEI-Agri FA 3A, coordinated by CRPA. Role: P.I.
- 2021-2024 HALY.ID HALYomorpha halys IDentification: Innovative ICT tools for targeted monitoring and sustainable management of the brown marmorated stink bug and other pests. ERANET-ICT-AGRI-FOOD COFUND 2019 (Project ID 40606) cofunded by MIPAAF. Role: PI of the unit UNIMORE.
- 01/04/2020-17/08/2023. HALY.BIO (ID 5159269) Integrated information system to rationalize the application of control means for *Halyomorpha halys* in Emilia-Romagna. Funded by Regione Emilia-Romagna, PSR 2014-2020 Op. 16.1.01-GO PEI-Agri FA 4B. Coordinated by CRPV. Role: P.I. https://rinova.eu/it/progetti/halybio-lotta-biologica-alla-cimice-asiatica/
- 01/04/2020-27/11/2023. CIMICE.NET (ID 5159202) Operational investigations for the implementation of biological control of the invasive *Halyomorpha halys* in Emilia Romagna. Funded by Regione Emilia-Romagna, PSR 2014-2020 Op. 16.1.01-GO PEI-Agri FA 4B. Coordinated by CRPV. Role: P.I. https://rinova.eu/it/progetti/cimicenet-monitoraggio-smart-della-cimice-asiatica/
- 2019-2022 "FLIES4VALUE": Insects for the bioconversion of agri-food by-products in feed and high added value products. Funded by the Region Emilia-Romagna in the POR-FESR 2014-2020, AXIS 1 Research and Innovation. Role: PI and coordinator.
- 2017-2019 "BIOECO-FLIES": Valorization of by-products of vegetable supply chains through insects: new solutions for food, agronomic and energy uses. Funded by the Region of Emilia Romagna in the PSR 2014-2020, Op. 01/16/01 Agri-GO PEI FA 5C. Coord.CRPV. Role: P.I.
- 2016-2018 "VALORIBIO": Valorization of organic waste by means of insects to obtain biomaterials for agricultural uses. Funded by the Region Emilia-Romagna in the POR-FESR 2014-2020, AXIS 1 Research and Innovation. Role: PI and coordinator.
- 2016-2019 "HALYS": Monitoring techniques and innovative strategies for the control of *Halyomorpha halys* (brown marmorated stink bug). Funded by the Emilia Romagna under the PSR 2014-2020 Op. 01/16/01 Agri-GO PEI FA 4B. Coord. CRPV. Role: P.I.
- 2014-16 Innovative tools and protocols for monitoring and sustainable control of the alien stink bug *Halyomorpha halys*, a new phytosanitary threat, and of other harmful heteropterans for the fruit crops of the territory of Modena. Funded by Fond. Cassa di Risparmio di Modena. Role: Pl.
- 2014-16 Improvement of traps and innovative strategies for the control of *Drosophila suzukii*, a new pest of small fruits. Funded by Fond. Cassa di Risparmio di Vignola. Role: Pl.
- 2006-2008 Evaluation of repellents for insect resistant packaging. Funded by Fondazione Manodori, Reggio Emilia. Role: Pl.

#### Participant to the following projects

- 2022-2025 National Biodiversity Future Center (NBFC) funded by NRRP, Mission 4 Component 2 Investment 1.4 funded by NextGenerationEU; Project code CN\_00000033,
- 2024-2027 "BIO R&R": Bioconversion of packaging, residues and waste from food supply chains Funded by the Region of Emilia Romagna in the PR FESR 2021-2027, AXIS 1.1.2 Research and Innovation.
- 2021-2022 "GREW- (*Garden from Recycling & Wastes*) New integrated system for house and vertical gardens cultures by synergic application of innovative fertilizer and led lighting: a circular economy strategy giving to waste materials a new second life": FAR UNIMORE Interdisciplinary project.
- 2018-2022 "SCALIBUR": Horizon 2020 Call: H2020-SFS-2018-2020, Topic: CE-SFS-25-2018; Type of action: IA on a WP related to the use of insects as bioconverters of organic substrates for the production of proteins.
- 2015-2017 "Study for the valorization of organic waste using insects for the obtainment of bioplastics": FAR UNIMORE Interdisciplinary project.

#### Research contracts

- 2024-2025 Contract with Parco Naturale di Paneveggio and Pale di San Martino on "Study and Monitoring of Diptera Syrphidae and Hymenoptera Apoidea in the Natural Park Paneveggio and Pale di San Martino"
- 2023-2024 Contract with Parco Nazionale Dolomiti Bellunesi on "Study and Monitoring of

Diptera Syrphidae and Hymenoptera Apoidea in the Belluno Dolomites National Park - 2023-2024"

- 2023-**2024** Contract with Ente Parco Nazionale Gran Paradiso on: "Study and Monitoring of Diptera Syrphidae and Hymenoptera Apoidea in Gran Paradiso National Park".
- 2023-2025 Contract with RiNova Soc. Coop. **on** "Integration of innovative techniques for sustainable management of Brown Marmorated Stink bug INTEGR-HALYS"
- 2023-2024 Contract with MO-EL S.p.A on "Evaluation of effectiveness and selectivity of light traps on tomato insects and in other agricultural contexts".
- 2022-2023 Contract with Zespri Group Limited, New Zealand for a project on "Susceptibility
  of red and yellow flesh kiwifruit to artificial infestation of Brown Marmorated Stink Bug (BMSB) in
  the field"
- 2020-2022 Contract with Bioecology S.r.l. on "Innovative strategies for the sustainable control of weed species in livestock farms and in the agri-food sector"
- 2019-2020 Contract with Zespri Group Limited, New Zealand for a project on "Evaluating the timing and type of feeding damage by BMSB on kiwifruit"
- 2020 Contract with Consorzio Fitosanitario di Modena for "Specialized technical service for the mass supply of parasitoids of the genus Trissolcus"
- 2019 Contract with Consorzio Fitosanitario di Modena to perform research on "Investigation on the trend of natural populations of *Halyomorpha halys* natural antagonists and verification in the field on the effectiveness of inundative releases of *Anastatus bifasciatus* in Emilia for the control of the same invasive pest"
- 2019 Contract with New Horizont Canary Bugs SL for a project on "Industrial rearing of Black Soldier Fly and other insects for feed/food purposes"
- 2018 Contract with Consorzio Fitosanitario di Modena to perform research on "Evaluation for augmentative biocontrol of *Halyomorpha halys* using the native egg-parasitoid species *Anastatus bifasciatus*: laboratory mass rearing and field release"
- 2013-16 Five projects on IPM in cereal storage facilities and insect resistant packaging, funded by Barilla Spa
- 2011-15 Biological control of the chinese chestnut wasp *Dryocosmus kuriphilus* in Emilia Romagna: mass rearing system management for the field release of the parasitoid *Torymus sinensis*. Funded by Plant Protection Services of Modena e Reggio Emilia
- 2012-14 NANOSOLWOOD: innovative wood treatments against biotic deterioration. Funded by Renner Spa
- 2006-2011 Evaluation of botanicals for control of nematode and insect pests in horticultural crops. Two projects funded by Agrostar srl

EDITORIAL & EXPERT EVALUATOR ACTIVITY, PhD COMMISSIONS

Academic Editor for the journal INSECTS, Topical collection "Biocontrol and Behavioral Approaches to Manage Invasive Insects",

https://www.mdpi.com/journal/insects/special\_issues/Invasive\_Insects

Peer-reviewer for: African Journal of Agricultural Research, Agricultural and Forest Entomology, Agronomy, Animals, Apidologie, Behavioural Processes, Biocontrol, Biodiversity Data Journal, Biological Control, Biological Invasions, Biosystems, British Microbiology Research Journal, Bulletin of entomological Research, Bulletin of Insectology, Canadian Entomologist, Crop Protection, Crop Science, Entomologia Experimentalis et Applicata, Environmental Entomology, Environmental Pollution, Environmental Science and Ecotechnology, European Journal of Entomology, Food Research International, Frontiers in Ecology And Evolution, Frontiers in Insect Science, Future Foods, Heliyon, Helminthologia, Insect Science, Insects, International Journal of Insect Science, International Journal of Pest Management, International Journal of Tropical Insect Science, Italus Hortus, Journal of Apicultural Research, Journal of Applied Ecology, Journal of Applied Entomology, Journal of Cleaner Production, Journal of Economic Entomology, Journal of Ethology, Journal of Insect Behaviour, Journal of Insects as Food and Feed, Journal of Insect Conservation, Journal of Insect Physiology, Management of Biological Invasions, Phytoparasitica, Journal of Insect Science, Journal of Invertebrate Pathology, Journal of Plant Protection Research, Journal of Pest Science, Journal of Testing and Evaluation, Management of Biological Invasions, Pakistan Journal of Zoology, Pathogens, Peer J., Pest Management Science, Plant Protection Science, Plants, PLOS One, Phytoparasitica, Research in Veterinary Science, Scientific Reports, Vie et Milieu, Waste Management, Zoomorphology.

Expert evaluator (reviewer of scientific projects/technical reports): EFSA (European Food Safety Authority); Reviewer of Scientific research projects: Agriculture and Agri-Food Canada Science and Technology Branch, ESF (European Science Foundation – Science Connect), MIUR (Italian Ministry of University and Research, PRIN projects), New Zealand Ministry for Primary Industries, NKFIH (Hungary).

Judging committee for the comparative evaluation of a University Researcher position for the disciplinary scientific sector AGR/11 - General and applied entomology, Faculty of Agriculture of the University of Catania (2007).

PhD final exam evaluation commission. Member of final PhD exams Committee for:

- PhD in Agrifood and Environmental Sciences (XXXVII cycle), University of Trento (July 2025)
- PhD Course in: Mountain Environment and Agriculture (XXXVI cycle), University of Bolzano (March 2025)
- Ph.D. Course in: CROP SCIENCE (XXXVI Cycle), University of Padua (March 2024)
- PhD Thesis evaluation committee, Swedish University of Agricultural Sciences (June 2022)
- PhD Program In Food Science, XXXIV Cycle, University of Parma (2022)
- Dottorato di Ricerca in "Scienze delle Produzioni Vegetali e Animali", XXXIII ciclo, Università degli Studi della Tuscia di Viterbo (2020)
- Ph.D. in Civil, Environmental and Mechanical Engineering, University of Trento (2020)
- Dottorato di Ricerca in Biologia, XXIX ciclo curriculum Etologia ed Ecologia, Univ. di Firenze (2018)
- Doctorado en Biología Integrada, Universidad de Sevilla: (2007, 2018)
- Dottorato di ricerca in Entomologia Agraria, Università di Bologna (2009)

# MEMBERSHIP OF SCIENTIFIC SOCIETIES

- -S.E.I. (Italian Entomological Society) since 2002
- U.Z.I. (Italian Zoological Society) since 2017
- -A.I.S.A.S.P. (Italian session of IUSSI: International Union for the Study of Social Insects) since 1992. Secretary during 2010-14, was managing board member in 2016-2018.
- -G.I.E.F. (Italian Group of Forensic Entomology) since 2010
- -G.M.S.N.(Gruppo Modenese di Scienze Naturali), was managing board member in 2013-2019
- E.S.A. (Entomological Society of America) 1999-2002
- -I.S.C.E. (International Society of Chemical Ecology) 2000-2002

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Il documento è firmato digitalmente ai sensi del d.lgs. 82/2005 s.m.i. e norme collegate e sostituisce il documento cartaceo e la firma autografa, e il codice fiscale

## Simone Mancini

Work Address Department of Veterinary Sciences

University of Pisa

Viale delle Piagge 2, Pisa, 56124, Italy

<sup>™</sup>e-mail simone.mancini@unipi.it

Phone +39 050-2216803

nate of birth - Nationality 05/04/1987 – Italian

Actual position -Associate Professor, Department of Veterinary Sciences, University of Pisa, Pisa,

56124, Italy

## National Scientific Qualification (ASN 2018/2020) - Full Professor

09 June 2021 (valid until 09 June 2032) – Academic Field 07/G1 - Animal Sciences and Technologies

#### National Scientific Qualification (ASN 2016/2028) - Assistant Professor

06 August 2018 (valid until 06 August 2029) - Academic Field 07/G1 - Animal Sciences and Technologies

## Education, training and research activities

#### 02 May 2025 - Present

- Associate Professor, Academic discipline: AGRI-09/D (ex AGR/20) Aquaculture, Poultry and Rabbit Science Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research and teaching tasks with focus on the production processes, processing and marketing of products derived from poultry, rabbit and aquatic species. Study of innovative animal production and related products processing with main focus on sustainability

#### 02 May 2022 - 01 May 2025

- Fixed term Researcher (RTD-B), Academic discipline: AGR/20 Aquaculture, Poultry and Rabbit Science Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research and teaching tasks with focus on the production processes, processing and marketing of products derived from poultry, rabbit and aquatic species. Study of innovative animal production and related products processing with main focus on sustainability

## 02 September 2019 – 01 May 2022

- Fixed term Researcher (RTD-A), Academic discipline: AGR/20 Aquaculture, Poultry and Rabbit Science Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research and teaching tasks with focus on the production processes, processing and marketing of products derived from poultry, rabbit and aquatic species. Study of innovative animal production and related products processing

#### 18 February 2019 – 18 May 2019

 Post Doc Researcher - Temporary research associate position - "Assessment of natural substances on meat products shelf-life"

Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research project focused on the study of physical, chemical and microbiological characteristics of animal products

## 01 July 2018 – 31 December 2018

 Post Doc Researcher - Temporary research associate position - Protection of Italian Poultry Biodiversity ("Tutela della Biodiversità Avicola Italiana" (TuBAvI) PSRN 2014/2020 – Sottomisura 10.2, comparto Avicoli)
 Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research project focused on the analytical determination of the bromatological quality of hen's eggs and of various breeds and the detection of the growth characteristics

#### August 2018

Summer School "Insects as Food and Feed - from producing to consuming"

Wageningen University & Research, Wageningen, The Netherlands

Summer School on the processes in the insect production and consumption chain from rearing, handling, processing and consuming insects as food or feed

#### June 2018

- Summer School "Meat Production, Safety and Health"

Department of Animal Medicine, Production and Health, University of Padua, Legnaro (Padua), Italy Summer School on quality, production, safety and nutritional value of the meat

#### July 2017 - June 2018

- Post Doc Researcher - Temporary research associate position. Effect of natural antioxidants in rabbit nutrition Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Research project in rabbit nutrition, study of the effects of natural compounds on *in vivo* performances and on products quality

#### January 2016 - December 2016

Second-level Professional Master's Programme in "Food Science: quality, safety and human nutrition"
 Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Productive chains, food safety, organoleptic quality, nutritional value of food, basics of self-control and HACCP December 2015 – September 2016

Main researcher in the project "Assessment of natural substances on meat products shelf-life" (research scholarship)

Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Study of natural substances used as ingredients in preparations of meat products (burger) with physical, chemical and microbiological assessments

#### April 2016 - September 2016

Post Doc Researcher – Erasmus traineeship at Instituto de Investigaciones Marinas, IIM
 Consejo Superior de Investigaciones Científicas, CSIC – Spanish national research council, CSIC-IIM, Vigo, Spain
 Study of the chemical characteristics of fish fed experimental diets based on insect meal (Hermetia illucens)

#### November 2012 - October 2015 (discussed in April 2016)

- PhD in Veterinary Sciences, main field of research in meat quality

Thesis title: "Effects of natural substances on the oxidative status of meat from different animal species" Department of Veterinary Sciences, University of Pisa, Pisa, Italy

Study in the effect of natural antioxidant substances on various aspects of meat productions with major attention to the antioxidant capacity and evaluation of the shelf-life. Physical, chemical and microbiology analyses

#### May 2014 - August 2014

Visiting Scholar at Meat Science Laboratory

Department of Animal Sciences, University of Illinois at Urbana-Champaign, Illinois, USA

Study of the effect of different types of salt on the characteristics of meat preparations and sensory evaluation. Evaluation and correlation of firmness with sensory characteristics of pork loins

#### December 2010 - October 2012

Master degree in biosecurity and food quality (food technology degree), final mark: 110/110 summa cum laude
 Thesis title: Evaluation of the of pre-probiotic characteristics of Lactobacillus plantarum strains

Department of Veterinary Sciences - Department of Agriculture, Food and Environment, University of Pisa, Pisa, Italy

Production processes analysis (physical, chemical, microbiological and organoleptic), legislation and food safety of food derived from both plant and animal origin

#### September 2007 - December 2010

- Bachelor degree in agroindustrial biotechnology - Food sector, final mark: 102/110

Thesis title: Viable but nonculturable (VBNC) state in bacteria and yeasts

Faculty of Agriculture Science, University of Pisa, Pisa, Italy

The main subjects studied concern biotechnology in general terms and finalizing the food industry

## **Identification numbers**

ORCID: 0000-0001-8643-507X Scopus Author ID: 24441545200 Researcher ID: L-4802-2015 Scopus indexes (July 2025) - Citations: 2619; Documents: 92; *h*-index: 28

#### **Funded Projects**

- Unit Leader – Progetto Ricerca Corrente 2024 – Istituto Zooprofilattico Sperimentale della Sardegna – Funder: Ministry of Health – Length: 24 months (December 2024 / December 2026) – Budget: 97.750,00 € – Title:

#### Simone Mancini – Curriculum vitae

"Zootecnia innovativa: potenzialità della insetticoltura per la produzione di mangimi destinati a una alimentazione animale sostenibile"- *Innovative livestock production: the potential of insect farming* for the production for a sustainable animal feed

- Unit Leader PRIN PNRR 2022 Funder: Ministry of University and Research (MUR) Length: 24 months (December 2023 / December 2025) Budget: 230.993,00 € Title: *The use of insect meal in the fish sector: creating value from farm to fork,* InsectFish
- Member of the Coordination Unit Funder: PRIMA-MED 2022 Length 36 months: (June 2023 / May 2026) Budget: 4.100.000,00 € Title: Soil Health and Agriculture Resilience through an Integrated Geographical information systems of Mediterranean Drylands, SHARInG-MeD
- Principal Investigator Funder: Università di Pisa Length: 24 months (September 2020 / August 2022) Budget: 39.288,05€ Title: *Produzione di Insetti come Feed e Food (PIFF)*, PRA\_2020\_12
- Winner Call BIHO 2021 Funder: Università di Pisa Length: 24 months (January 2021 / December 2022) Budget: 50.000,00€



Il documento è firmato digitalmente ai sensi del d.lgs. 82/2005 s.m.i. e norme collegate e sostituisce il documento cartaceo

## FORMATO EUROPEO PER IL CURRICULUM VITAE



## INFORMAZIONI PERSONALI

Nome Luigino
Cognome Valentini

#### **ESPERIENZA LAVORATIVA**

• Date (da – a) Ottobre 1984 - Dicembre 1987

Nome e indirizzo del datore di Comunità Montana Peligna, SULMONA

lavoro

Tipo di azienda o settore Ente Pubblico

Tipo di impiego Contratto a prestazione

• Principali mansioni e responsabilità Responsabile sanitario del "progetto speciale Parco Nazionale d'Abruzzo" risanamento igienico-

sanitario del bestiame.

#### **ESPERIENZA LAVORATIVA**

Date (da – a)
 1984-1987

Nome e indirizzo del datore di
 Ex ULSS di Sulmona (AQ)

lavoro

Tipo di azienda o settore Sanitario

Principali mansioni e responsabilità
 Profilassi di Stato e Anagrafe Canina

#### **ESPERIENZA LAVORATIVA**

• Date (da – a) 1/9/1988-19/2/1989

Nome e indirizzo del datore di
 Ex ULSS di Vasto (CH)

lavoro

Tipo di azienda o settore Sanitario

Principali mansioni e responsabilità
 Ex Veterinario collaboratore area di Igiene Degli Alimenti di Origine Animale

## **ESPERIENZA LAVORATIVA**

• Date (da – a) 1/3/1989-30/10/1989

Nome e indirizzo del datore di Ex ULSS di Sulmona (AQ)

lavoro

Tipo di azienda o settore Sanitario

Principali mansioni e responsabilità
 Ex Veterinario coadiutore area di Igiene degli Alimenti di Origine Animale

## **ESPERIENZA LAVORATIVA**

Date (da – a) 20/01/1990 ad oggi

• Nome e indirizzo del datore di Ex ULSS di Sulmona, ex AUSL di Avezzano-Sulmona, AUSL di Avezzano-Sulmona-L'Aquila

lavoro Via Bellisari, snc L'Aquila

Tipo di azienda o settore Sanitario

Principali mansioni e responsabilità
 Ex Veterinario coadiutore, Dirigente con incarico di natura professionale graduato "C3" ex art. 57

CCNL Dirigenza sanitaria 2016/2018.

## **ISTRUZIONE E FORMAZIONE**

Date (da – a) 1978-1983

Nome e tipo di istituto di istruzione
 Università degli Studi di Perugia

o formazione

professionali oggetto dello studio

Qualifica conseguita Laurea in Medicina Veterinaria, Abilitazione esercizio della professione

 Livello nella classificazione nazionale (se pertinente)

## **ISTRUZIONE E FORMAZIONE**

• Date (da – a) 1984-1986

Nome e tipo di istituto di istruzione
 Università degli Studi di Napoli

o formazione

Principali materie / abilità
 Scuola di specializzazione in Ispezione degli Alimenti di Origine Animale

professionali oggetto dello studio

Qualifica conseguita
 Specialista in Ispezione degli Alimenti di Origine Animale

 Livello nella classificazione nazionale (se pertinente)

#### ISTRUZIONE E FORMAZIONE

Date (da – a) 1986-1988

Nome e tipo di istituto di istruzione
 Università degli Studi di Bologna

o formazione

• Principali materie / abilità Facoltà di Giurisprudenza : Scuola di Perfezionamento in Diritto Sanitario

professionali oggetto dello studio

 Livello nella classificazione nazionale (se pertinente)

#### ISTRUZIONE E FORMAZIONE

• Date (da - a) 1997-1999

Nome e tipo di istituto di istruzione

 Università degli Studi di Parma
 o formazione

 Principali materie / abilità Scuola di specializzazione in Sanità Pubblica Veterinaria professionali oggetto dello studio

Qualifica conseguita Specialista in Sanità Pubblica Veterinaria

 Livello nella classificazione nazionale (se pertinente)

## ISTRUZIONE E FORMAZIONE

• Date (da - a) 2013/2014

Pagina 2 - Curriculum vitae di

 Nome e tipo di istituto di istruzione o formazione Università degli Studi di Padova

 Principali materie / abilità professionali oggetto dello studio
 Qualifica conseguita Frequenza con profitto corso di perfezionamento "Nuove frontiere della sicurezza alimentare Indirizzi normativi e tecnici per l'igienista degli alimenti"

 Livello nella classificazione nazionale (se pertinente)

ISTRUZIONE E FORMAZIONE

Ha frequentato corsi ECM con l'acquisizione nel triennio 2023/25 di 131,7/60 crediti formativi come risulta da Co.Ge.A.P.S e 188,8/53,33 nel triennio 2020/22.

## CAPACITÀ E COMPETENZE PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali. Idoneità alla classificazione delle carcasse bovine ai sensi del DM 2/8/84 con attribuzione n° 627; Qualifica di "Auditor" di sistemi di gestione della qualità ed iscrizione nell'Albo della regione Abruzzo.

PRIMA LINGUA

Italiano

ALTRE LINGUE

Inglese

· Capacità di lettura

Buona

Capacità di scrittura

Discreta Discreta

· Capacità di espressione orale

## CAPACITÀ E COMPETENZE DIDATTICHE E RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e didattica), ecc. Abilitazione all'insegnamento di "Zootecnia e scienza delle produzioni animali. Ha svolto attività di docenza presso il Centro Provinciale (ex Regionale) di Formazione Professionale di Sulmona, nei corsi per addetto alla preparazione, manipolazione, conservazione e somministrazione degli alimenti negli anni 1998-1999-2000, nei corsi per operatore socio-assistenziale nell'anno formativo 2003/04, nei corsi per addetto alla manipolazione alimenti aggiornamento sul sistema HACCP nell'anno 2007. Svolge attività di docenza nei corsi per alimentaristi istituiti ai sensi dell'art. 210 della legge regionale 6/05 e succ. mod. ed integr. Organizzati dal SIAN della AUSL di Avezzano-Sulmona-L'Aquila. Relatore e/o Responsabile scientifico di diversi corsi accreditati ECM.

## CAPACITÀ E COMPETENZE SCIENTIFICHE E ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato, ecc. Referente nazionale del gruppo di lavoro "Ambiente e cambiamenti climatici" della Società Italiana di Medicina Veterinaria Preventiva.

Referente della formazione per della stessa Società nella regione Abruzzo .

## CAPACITÀ E COMPETENZE

TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

Qualifica di operatore EDP

Il sottoscritto è a conoscenza che, ai sensi dell'art. 26 della legge 15/68, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03. Il documento è firmato digitalmente ai sensi del d.lgs. 82/2005 s.m.i. e norme collegate e sostituisce il documento cartaceo e la firma autografa

Sulmona, 22 Settembre 2025

Dott/ Luiging Valentini

Pagina 3 - l'urriculum vitae di

## Curriculum vitae et studiorum di Erminia Sezzi

Nazionalità: Italiana Data di nascita: 04/06/1971 Sesso: Femminile

Numero di telefono: (+39) 3087703 Indirizzo e-mail: erminia.sezzi@izslt.it

Abitazione: via Galvani n°36, 01100 viterbo (Italia)

## Dirigente Sanitario

Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana-Sezione di Viterbo

[31/01/2003 – Attuale]

Indirizzo: Strada Terme, 01100 Viterbo (Italia)

Dal 2020 è Referente per le attività sul tema della sostenibilità ambientale ed economia circolare nei sistemi zootecnici

Dal 2019 al 2023 è stata Verificatore interno del Sistema Qualità

Dal 2020 è contact point per IZSLT nei confronti dell'IPIFF (International Platform for Insects in Food and Feed)

Dal 2020 è membro per IZSLT della piattaforma ICESP piattaforma italiana per l'economia circolare)

## Responsabile scientifico di Ricerca corrente -finanziata dal Ministero della Salute

-responsabile scientifico e coordinatore del progetto dal titolo

"Potenziale impatto dell'impiego dei mangimi da farine di insetti sullo stato sanitario, il benessere animale e la sostenibilità ambientale nelle diverse tipologie di allevamento avicolo nella provincia di Viterbo". (codice IZSLT 1119)

-responsabile scientifico e coordinatore del progetto dal titolo

"HErmetia IlLucens quale produttore di Peptidi antimicrobici (AMPs) e loro potenziale impiego negli allevamenti zootecnici. (HELP-AMPs)" (codice IZSLT 1222)

-responsabile scientifico e coordinatore del progetto dal titolo

" MOnitoraggio SAnitario di allevamenti di Hermetia Illucens per il COnsumo quali mangimi e sviluppo di protocolli per la gestione del rischio. (MOSAHiCO)" (codice IZSLT 1023)

## ISTRUZIONE E FORMAZIONE

Diploma di Maturità Classica

Liceo Classico "Dante Alighieri" [ 1984 – 1990 ]

**Dottore in Scienze Biologiche** 

Università degli Studi Della Tuscia [ 31/08/1990 – 20/11/1996 ]

Voto 110/110 e lode

Dottore di Ricerca

Università degli studi della Tuscia [ 31/12/1998 – 06/02/2001 ]

Ha conseguito il dottorato in "Evoluzione Biologica e Biochimica"

Durante la scuola di dottorato ha trascorso 14 mesi (luglio 1999-settembre 2000) presso

l'Università di Yale (New Haven, Connecticut, Stati Uniti)

Iscrizione Ordine nazionale biologi

[23/05/2007 – Attuale]

Iscrizione: 24/05/2007, Albo - Sezione A

Num. iscrizione: AA 058131

## Pubblicazioni a tema Insetti

- ✓ **SEZZI E.**, FOCHETTI R., 1999. Endemismi italiani. *Isoperla saccai* Boll. Ass. Romana Entomol., LIII (1-4) (1999): 2.
- ✓ FOCHETTI R., **SEZZI E.**, 2000. A new species of *Mesonemoura* from Yunnan: *Mesonemoura sbordonii* sp. n. *Aquatic Insects*, 22 (2): 1-4.
- ✓ **SEZZI E.**, FOCHETTI R., 2000. Sulla presenza di *Capnioneura petricola* in Sardegna. (Plecoptera, Capniidae). *Boll. Ass. Romana Entomol.*, 54 (1-4): 31-32.
- ✓ TIERNO DE FIGUEROA J. M., **SEZZI E.**, FOCHETTI R., 2000. Feeding in the genus *Tyrrhenoleuctra* (Plecoptera, Leuctridae). *Bollettino Società Italiana di Entomologia*, 134 (3):207-210
- ✓ TIERNO DE FIGUEROA J. M., FAUSTO A. M., FOCHETTI R., SCAPIGLIATI G., SEZZI E., MAZZINI M., 2002. Characterization of *Dinocras cephalotes* and *Perla grandis* hemocytes. *Belgian Journal of zoology 132, (1): 3-7*
- ✓ CACCONE A, GENTILE G., BURNS C., **SEZZI E.**, BERGMAN W., POWELL J.R., 2002 Extreme difference in rate of mitochondrial and nuclear DNA evolutionin a large ectotherm, Galapagos tortoises. *Molecular Phylogenetics and Evolution*, 31:794-798
- J.R. POWELL, E. SEZZI, E.N. MORIYAMA, J. GLEASON AND A. CACCONE 2003. Analysis of a shift in codon usage in Drosophila. the Journal of Molecular Evolution 57:S214-S225
- ✓ FOCHETTI R., KETMAIER V., OLIVEIRO M., DE FIGUEROA J.M.T., SEZZI E., 2004. Biochemical systematics, biogeography and evolutionary rates in species of the Mediterranean genus Tyrrhenoleuctra (plecoptera, Leuctridae). *Insect Systematic Evolution* 35:299-306
- ✓ SANTORI D., FAUSTO A.M., GELLI A., PIFFERI A.R., DOTTARELLI S., CUCCI S., DI DONATO F., GRIFONI G., SEZZI E. Impact of Salmonella enteritidis Infection and Mechanical Stress on Antimicrobial Peptide Expression in Hermetia illucens (2025) Insects -DOI: 10.3390/insects1607069
- ✓ DABBOU S., CATTANEO A., CATTAPAN F., MALINVERNI R., MACCHI E., MANENTI I., TODESCO S., POLONI E., ROSÀ R., SANTORI D., MENEGUZ M., PERTOT I., **SEZZI E.** (2025) "Impact of live black soldier fly larvae supplementation on laying hen performance, stress levels and excreta microbiota" Poultry Science DOI: 10.1016/j.psj.2025.105418
- ✓ MANCINI S., VITALI A., MENEGUZ M., VOLTERRANI C., BATTISTI S., CUCCI S., CARVELLI A., SANTORI D., GROSSI G., BATISTINI E., LACETERA N., FERRARINI N., SEZZI E. (2025) "Full-fat Hermetia illucens larvae meal as a sustainable soybean meal substitute in laying hen diets: effects on performance, egg quality, and shelf-life"- Italian Journal of Animal Science DOI: 10.1080/1828051X.2025.2539251
- ✓ CATTANEO A., **SEZZI E.**, MENEGUZ M., ROSÀ R., SANTORI D., CUCCI S., ROCCATELLO R., GROSSO F., MERCANDINO S., ZAMBOTTO V., APREA E., SOLOVYEV P., BONTEMPO L., TROCINO A., XICCATO G., DABBOU S.-Exploring the potential of black soldier fly live larvae as a sustainable protein source for laying hens: A comprehensive study on egg quality (2025) Poultry Science DOI: 10.1016/j.psj.2024.104590

## POSTER SCIENTIFICI

 "Does an insect-based feed formulation in laying hens affect the antioxidant potential and fatty acid profile of the eggs?" E. Sezzi, S. Barbaresi, D. Santori, A. Carvelli, S. Battisti, F. Di Donato, A. Vitali, S. De Smet, S. Mancini - ASPA 2023 25th Congress of Animal Production Science – Monopoli

- "Shelf life of Black Soldier Fly meal" D. Santori, A. Gelli, M. Meneguz, S. Mercandino,
   S. Cucci, E. Sezzi ESPN 2023 23rd European Symposium on Poultry Nutrition –
   Rimini
- "Growth perfomances of Black Soldier Fly larvae fed on food chain by-products" P. P. Danieli, L. Romagnoli, A. Gelli, R. Primi, B. Ronchi. E. Sezzi ASPA 2023 25th Congress of Animal Production Science Monopoli
- 4. "Innovative laying hens feed: Black Soldier Fly live larvae supplementation. Effects on production performance, and egg quality" A.Cattaneo, E. Sezzi, M. Meneguz, D. Santori, S. Cucci, R. Roccatello, S. Dabbou -ESPN 2023 23rd European Symposium on Poultry Nutrition Rimini.

## Autorizzazione trattamento dati personali

Dichiaro che le informazioni riportate nel presente CV costituiscono autocertificazione ai sensi degli art. 46 e 47

del DPR 445/2000, consapevole della responsabilità penale prevista dall'art. 76 del citato decreto per le ipotesi di falsità in atti e

dichiarazioni mendaci ivi indicate. Autorizzo il trattamento dei miei dati personali ai sensi del decreto legislativo 30 giugno 2003 n. 196 e all'artt. 13 del regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali

Il documento è firmato digitalmente ai sensi del d.lgs. 82/2005 s.m.i. e norme collegate e sostituisce il documento cartaceo

Viterbo . 15 settembre 2025

In fede Erumma Serr

