

# CURRICULUM VITAE

**Name:** Francesco Lami

**Date of birth:** 24/01/1990

**Place of birth:** Bologna (Italy)

**Citizenship:** Italian

## CAREER OVERVIEW

I am an early-career researcher with experience in the fields of biodiversity in agricultural ecosystems, landscape ecology and ecosystem services, with a particular focus on insects as model organisms.

I obtained a Bachelor's degree in Biology (2012) and a Master's Degree in Biodiversity and Evolution (2014) at the University of Bologna, in both cases with a thesis on **insect biodiversity in agroecosystems** (Coccinellidae and ground-dwelling beetles) based on research experiences at the Department of Agricultural Sciences of Bologna under the supervision of Prof. Giovanni Burgio. After the Master's Degree, I continued to take part in research (on field, in the lab and in preparing manuscripts) as a postgraduate intern at the same Department for almost 2 years (2015-2017), focusing particularly on **the invasive species *Harmonia axyridis*, the Harlequin Ladybird**.

I obtained my PhD in Crop Science from the University of Padua (2020) under the supervision of Prof. Lorenzo Marini. The main focus of my PhD thesis was the development of a novel **species-habitat network** analytical approach to investigate the interactions between entire biotic communities and the landscape mosaic. I gathered large arthropod datasets during extensive sampling campaigns (Carabidae, Araneae) and through international cooperation (Apoidea, Syrphidae), and applied the network approach to elucidate the effects of landscape features on arthropod habitat use. I also investigated **ecosystem services** provided by arthropods, with a particular focus on seed predation.

During my PhD I had the chance to spend 4 months (2019) at the *Estación Biológica de Doñana*, a state-of-the-art biodiversity research centre in Seville (Spain). I worked closely to further develop the species-habitat network approach with the group of Dr. Ignasi Bartomeous, which specializes in **pollinator ecology** and mutualistic interactions.

After completing my PhD, I won a research grant at the University of Udine (2019-2021) under the supervision of Dr. Maurizia Sigura, as part of the Interreg Project GREVISLIN between Italy and Slovenia. The aim was to plan a **Green Infrastructure Network** through GIS and graph theory-based analyses for the protection of biodiversity in the Isonzo river area, with a particular focus on endangered Lepidoptera. Later, I won a second grant at the same University (2021) with Dr. Francesco Boscutti; in this case the project was based on the **effects of cover crops on pollinators, weed control and other ecosystem services**. Concurrently, I continued to develop the species-habitat network approach by applying it to the study of **biological invasion patterns**.

I'm currently a research assistant at the University of Bologna under the supervision of Prof. Giovanni Burgio, Prof. Fabio Sgolastra and Dr. Antonio Masetti, working on the evaluation of **sustainable management methods for native and alien insect pests**, including agroecological approaches, biological control and insecticidal essential oils, and on the **conservation of pollinators in agroecosystems**, studying the effects of **agrochemicals, landscape features and local habitat** on these insects. I also continue contributing to other research lines linked with **arthropod biodiversity (including biodiversity indicators) and ecosystem services** in agroecosystems, especially pertaining ground beetles, ladybird beetles and pollinators.

Outside of academic research, I worked as an **entomology consultant** for private companies (Euroequipe S.R.L., Stocker S.R.L.), field-testing lures and traps for mosquitoes and other pest insects and acting as a speaker at courses on mosquito control (2020-2024). I also have experience in **science communication**, which I gained mainly by working on a science popularization webpage (Facebook:

<https://www.facebook.com/ilvolodeldodo> (2013-current) and as a local organizer for the international scientific education event Pint of Science (<https://pintofscience.com/>) (2017-2024).

## ACADEMIC EDUCATION

- **PhD** (2020) in Crop Science at the University of Padua (Supervisor: Prof. Lorenzo Marini), with a thesis titled “*Bridging applied ecology and network theory to improve landscape management for conservation*” – **Evaluation: Excellent**
- **Visiting PhD Student** (2019) at the Estación Biológica de Doñana (Sevilla, Spain) to develop the species-habitat network approach (PhD supervisor Prof. Lorenzo Marini; Local supervisor: Dr. Ignasi Bartomeus)
- **Master's Degree** (2014) in Biodiversity and Evolution at the University of Bologna, with a thesis titled “*Coleotteri del terreno negli agroecosistemi maidicoli dell'Emilia-Romagna: potenzialità come bioindicatori*” (Supervisor: Prof. Giovanni Burgio) – **Evaluation: 110/110 cum laude**
- **Bachelor's Degree** (2012) in Biological Sciences at the University of Bologna, with a thesis titled “*Coleotteri Coccinellidi in agroecosistemi maidicoli all'interno di aree protette: ruolo delle infrastrutture ecologiche e possibili impatti di piante GM*” (Supervisor: Prof. Giovanni Burgio) – **Evaluation: 110/110 cum laude**

## RESEARCH EXPERIENCES

- **Research grant (Assegno di ricerca)** (September 2021 – current) at the University of Bologna (Supervisors: Prof. Giovanni Burgio, Prof. Fabio Sgolastra and Dr. Antonio Masetti): “Integration of natural insecticides, biological control agents and agroecological approaches for the management of pest insects in agricultural areas” (PSR Projects: HALY.BIO, BIONATURE and PDIDOP, PRIMA Project: DREAM)
- **Research grant (Assegno di ricerca)** (May 2021 – September 2021) at the University of Udine (Supervisor: Dr. Francesco Boscutti): “Cover crops effects on biodiversity and agronomic and ecosystem services in agricultural and rural landscapes” (joint project of the DI4A Department at the University of Udine and the ERSA agency)
- **Research grant (Assegno di ricerca)** (November 2019 – April 2021) at the University of Udine (Supervisor: Dr. Maurizia Sigura): “Green infrastructures for the conservation and improvement of the condition of habitats and protected species along the rivers” (GREVISLIN Interreg Project)
- **Freelance contract** (September 2017 – October 2017) at the University of Bologna (Supervisor: Prof. Giovanni Burgio): “Study of soil biodiversity through bioindicators” (MIPAAF Project SOILVEG)
- **Freelance contract** (February 2016 – March 2016) at the University of Bologna (Supervisor: Prof. Giovanni Burgio): “Identification of bioindicator beetles with a focus on Staphylinidae” (MIPAAF Project BIOSEMED)
- **Postgraduate internship** (February 2015 – February 2017) at the Department of Agricultural Sciences (Entomology section) of the University of Bologna (Supervisor: Prof. Giovanni Burgio)

## ACADEMIC TEACHING

- Invited speaker for the “*Entomology*” course of the Master's Degree in *Environmental Sustainability and Education* (Prof. Costanza Geppert) at the Department of Biology of the University of Padova (Italy), with a seminar titled “*Coleoptera – Endless forms most beautiful*” (2024).
- Invited speaker for the *Ecology Seminar Program* of the *Functional Agrobiodiversity group* organized by Prof. Dr. Catrin Westphal at the University of Göttingen (Germany), with a seminar titled “*Species-habitat networks: A tool to improve landscape management for biodiversity conservation*” (2024).
- Teaching assistant during field-based workshops and final exams for the Geomatics course of the University of Udine (2019).
- Co-supervisor for seven MSc theses and three BSc theses at the Department of Agricultural Sciences at the University of Bologna.

- Organizer of taxonomy workshops and speaker at seminars for the Agricultural Entomology course of the University of Bologna (2015 - 2023).

## **OTHER PROFESSIONAL EXPERIENCES**

- **Multiple freelance contracts** (2020-2022) as an entomology consultant for Euroequipe S.R.L. (Employer: Paolo De Nora). Main tasks: field testing of traps and lures aimed at mosquitoes and other insect pests, management of the social media pages of the company.
- **Multiple freelance contracts** (2023-2024) as an entomology science educator for Stocker S.R.L. (Employer: Matthias Mairhofer). Main tasks: speaker at seminars on the control of mosquitoes.

## **SCIENCE COMMUNICATION**

- **Writer, illustrator, host and manager** (2013-current) for the biodiversity-focused blog, Facebook page, Instagram page and Youtube Channel “Il Volo del Dodo” (Instagram: <https://www.instagram.com/volodeldodo/?hl=en>)
- **Author** of the entomology article “La personalità può aiutare l’agricoltura” in the weekly newspaper *L’Essenziale* (February 12th, 2022).
- **Organizer** (2017-2024) and **social media manager** (2020-2023) for the Bologna section of the international science communication festival “Pint of Science”
- **Two-times winner** (2017-2018) of the “3 minutes contest” (a 3-minute oral presentation of the PhD research of the candidate) at the Crop Science PhD Winter School of the University of Padova.
- **Speaker** (2017) for the “Caffè Minerva” science communication event in Bologna, with a talk about land sharing and land sparing in the conservation of biodiversity.
- **Winner** (2016) of the 1<sup>st</sup> and 3<sup>rd</sup> prize at the “EVODiAMoND Graphics” competition for the best visual aid aimed at communicating evolutionary science (University of Pisa).

## **SPECIALISTIC TRAINING (Courses, Winter/Summer Schools)**

- WaspID course (Gennaio 2023) – Pennsylvania State University (online).
- Crop Science PhD Winter School (January 2017 and January 2018) – Paluzza (UD).
- International Summer School “A primer in ecological networks – Data and theory”, University of Parma (June 13 – 15, 2017)
- 1st PhD Winter School in Ecology and Evolution – “Climate change: ecological and evolutionary responses of species and communities”, 9-10 febbraio 2017, Chioggia (February 9 – 10, 2017).
- DEST course: “Training program in Entomology (special. Diptera Syrphidae), emphasis on collection management and bioindicator use”, Museo Civico di Storia Naturale di Ferrara (June 29 – July 3, 2015)

## **PARTICIPATION TO CONGRESSES**

- EurBee 10 – 10th Congress of Apidology, Tallinn (September 16 – 19, 2024)
- 7th European Congress of Conservation Biology, Bologna (June 17-21, 2024)
- XIII Annual Meeting of the European PhD Network “Insect Science”, Firenze (November 16 – 18, 2022)
- AIIA Section II Meeting “Sistemi rurali resilienti e sostenibili: dall’azienda al territorio”, Udine (February 20 – 21, 2020).
- XVI Annual Meeting of the Spanish Group for Floral Ecology (EcoFlor), Granada (March 14 – 16, 2019).
- XI European Congress of Entomology, Napoli (July 2 – 6, 2018).
- XXV Italian National Congress of Entomology, Padova (June 20 – 24, 2016).
- “Ecology at the interface” - 13<sup>th</sup> European Ecological Federation and 25<sup>th</sup> Italian Society of Ecology joint conference, Roma (September 21 – 25, 2015)
- “L’Ecologia oggi: Responsabilità e Governance” - XXIV Congress of the Italian Society of Ecology, Ferrara (September 15 – 17, 2014)

## OTHER RELEVANT TITLES AND EXPERIENCES

- Referee for the following scientific journals: *Oecologia*; *Agriculture, Ecosystems & Environment*; *Basic and Applied Ecology*; *Journal of Applied Ecology*; *Insect Conservation and Diversity*; *Phytoparasitica*; *Agricultural and Forest Entomology*; *Crop Protection*; *Insects*; *Agronomy*; *Sustainability*.
- Guest Editor for *Sustainability* – Special Issue “Biodiversity Management in Sustainable Landscapes” (2022).
- Doctor Europaeus.
- Organization assistant for the AIIA Section II Meeting “Sistemi rurali resilienti e sostenibili: dall’azienda al territorio”, Udine (February 20 – 21, 2020).
- PhD student representative in the Crop Science PhD academic senate (2017 - 2018).
- 24 CFU course for teaching.
- Member of the Society for Conservation Biology (Italy Chapter).

## PROFESSIONAL AND COMMUNICATION SKILLS

- Experience in arthropod field sampling (pitfall traps, frappage, sweep net, aerial net, visual survey, sticky traps, pan traps) and arthropod activity monitoring (seed cards, dummy caterpillars).
- Preparation and conservation of arthropod samples.
- Taxonomic determination of arthropods by morphological traits, with a focus on beetle families Carabidae and Coccinellidae.
- Insect rearing in climate chambers (lady beetles, aphids, true bugs, parasitoids).
- Laboratory insecticide trials.
- Data analysis.
- Scientific manuscript writing.
- Clear and synthetic oral presentation through PowerPoint slides.
- Science communication to non-specialist audiences, both in written and oral form.

## INFORMATIC SKILLS

- Microsoft Office (Word, Excel, PowerPoint)
- R, with a focus on the “bipartite” package
- QGIS
- Inkscape
- GIMP
- Graphab
- InVEST

## LANGUAGE SKILLS AND CERTIFICATES

**Italian:** Native speaker

**English:** Excellent (Listening C1, Reading C2, Speaking C2, Writing C2)

- TOEFL iBT (2015): 115/120 (Reading: 30/30; Listening: 28/30; Speaking: 28/30; Writing: 29/30)
- First Certificate in English, Grade A

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Bordoni, A., **Lami, F.**, Raffaele, G., Lenzi, L., Fiori, G., Zanetti, F., Morandi, B. & Sgolastra, F. (2024). Field trials to enhance kiwifruit production using *Osmia bicornis* and supplementary flowering plants. *Bulletin of Insectology*, 77 (2): 307 – 318. ISSN 1721-8861.
- **Lami, F.**, Vuerich, M., Fabro, M., Zandigiacomo, P., Braidot, E., Petrussa, E., Barbieri, S., Volpe, V., Sigura, M., Delle Vedove, G. & Boscutti, F. (2024). Sustaining multiple ecosystem functions in agricultural landscapes: Effect of summer cover crops on weed control, soil quality and support to pollinators. *Crop Protection*, 184, 106832, doi: <https://doi.org/10.1016/j.cropro.2024.106832>.

- **Lami, F.**, Burgio, G., Magagnoli, S., Depalo, L., Lanzoni, A., Frassineti, E., Marotti, I., Alpi, M., Mercatante, D., Rodriguez-Estrada, M. T., Dinelli, G. & Masetti, A. (2024). The effects of natural insecticides on the green peach aphid *Myzus persicae* (Sulzer) and its natural enemies *Propylea quatuordecimpunctata* (L.) and *Aphidius colemani* Viereck. *Insects*, 15(7), 556, doi: <https://doi.org/10.3390/insects15070556>.
- **Lami, F.**, Boscutti, F., Peccol, E., Piani, L., De Luca, M., Zandigiacomo, P., & Sigura, M. (2024). Biodiversity-centric habitat networks for Green Infrastructure planning: A case study in Northern Italy. *Sustainability*, 16(9), 3604, doi: 10.3390-su16093604.
- Negri, L., Bosi, S., Fakaros, A., Ventura, F., Magagnoli, S., Masetti, A., **Lami, F.**, Oliveti, G., Poggi, G. M., Bertinazzi, L. & Dinelli, G. (2024). Millets and sorghum as promising alternatives to maize for enhancing climate change adaptation strategies in the Mediterranean Basin. *Field Crops Research*, 318, 109563, doi: <https://doi.org/10.1016/j.fcr.2024.109563>.
- **Lami, F.**, Burgio, G., Magagnoli, S., Sommaggio, D., Horváth, R., Nagy, D. D., & Masetti, A. (2023). Ground-dwelling arthropods as biodiversity indicators in maize agroecosystems of Northern Italy. *Ecological Indicators*, 152, 110352.
- Cappellari, A., Santoiemma, G., Sanna, F., D'Ascenzo, D., Mori, N., **Lami, F.** & Marini, L. (2022) Spatio-temporal dynamics of vectors of *Xylella fastidiosa* subsp. *pauca* across heterogeneous landscapes. *Entomologia Generalis*, doi: 10.1127/entomologia/2022/1427.
- Boscutti, F., **Lami, F.**, Pellegrini, E., Buccheri, M., Busato, F., Martini, F., Sibella, R., Sigura, M. & Marini, L. (2022) Urban sprawl facilitates invasions of exotic plants across multiple spatial scales. *Biological Invasions*, doi: <https://doi.org/10.1007/s10530-022-02733-6>.
- **Lami, F.**, Vitti, S., Marini, L., Pellegrini, E., Casolo, V., Trotta, G., Sigura, M. & Boscutti, F. (2021). Habitat type and community age as barriers to alien plant invasions in coastal species-habitat networks. *Ecological Indicators*, 133, 108450, doi: 10.1016/j.ecolind.2021.108450.
- Corcos, D., **Lami, F.**, Nardi, D., Boscutti, F., Sigura, M., Giannone, F., Pantini, P., Tagliapietra, A., Busato, F., Sibella, R., & Marini, L. (2021) Cross-taxon congruence between predatory arthropods and plants across Mediterranean agricultural landscapes. *Ecological Indicators*, 123, 107366, doi: 10.1016/j.ecolind.2021.107366
- **Lami, F.**, Bartomeus, I., Beduschi, T., Boscutti, F., Nardi, D., Pantini, P., Santoiemma, G., Scherber, C., Tscharntke, T., & Marini, L. (2021). Species-habitat networks elucidate landscape effects on habitat specialization of natural enemies and pollinators. *Ecology Letters*, 24(2), 288-297, doi: 10.1111/ele.13642
- **Lami, F.**, Boscutti, F., Masin, R., Sigura, M. & Marini, L. (2020). Seed predation intensity and stability in agro-ecosystems: Role of predator diversity and soil disturbance. *Agriculture, Ecosystems & Environment*, vol. 288, 106720. ISSN: 0167-8809, doi: 10.1016/j.agee.2019.106720
- Honek A., Brown P. M. J., Martinkova Z., Skuhrovec J., Brabec M., Burgio G., Evans E. W., Fournier M., Grez A. A., Kulfan J., **Lami F.**, Lucas E., Lumbierres B., Masetti A., Mogilevich T., Orlova-Bienkowskaja M., Phillips W. M., Pons X., Strobach J., Viglasova S., Zach P. & Zaviezo T. (2020). Factors determining variation in colour morph frequencies in invasive *Harmonia axyridis* populations. *Biological Invasions*, vol. 22, p. 2049-2062. ISSN: 1387-3547, doi: 10.1007/s10530-020-02238-0
- Nardi, D., **Lami, F.**, Pantini, P. & Marini, L. (2019). Using species-habitat networks to inform agricultural landscape management for spiders. *Biological Conservation*, vol. 239, 108275. ISSN: 0006-3207, doi: 10.1016/j.biocon.2019.108275
- **F1000Prime RECOMMENDED** Marini, L., Bartomeus, I., Rader, R., & **Lami, F.** (2019) Species-habitat networks: A tool to improve landscape management for conservation. *Journal of Applied Ecology* 56 (4), 923-928. ISSN: 0021-8901, doi: 10.1111/1365-2664.13337
- Masetti, A., Magagnoli, S., **Lami, F.**, Lanzoni, A., & Burgio, G. (2018). Long term changes in the communities of native ladybirds in Northern Italy: impact of the invasive species *Harmonia axyridis* (Pallas). *BioControl*, 63(5), 665-675. ISSN: 1386-6141, doi: 10.1007/s10526-018-9891-7.

- Tamburini, G., **Lami, F.**, & Marini, L. (2017). Pollination benefits are maximized at intermediate nutrient levels. *Proc. R. Soc. B*, 284(1860), 20170729. ISSN: 0962-8452, doi: 10.1098/rspb.2017.0729
- **Lami, F.**, Masetti, A., Neri, U., Lener, M., Staiano, G., Arpaia S. & Burgio, G. (2016). Diversity of Coccinellidae in Ecological Compensation Areas of Italy and overlapping with maize pollen shedding period. *Bulletin of Insectology* 69 (1): 49 – 57. ISSN: 1721-8861, Scopus ID: 2-s2.0-84988354630.

## CONTRIBUTIONS TO CONGRESSES

- **Lami, F.**, Vuerich, M., Fabro, M., Zandigiacomo, P., Braidot, E., Petrussa, E., Barbieri, S., Volpe, V., Sigura, M., Delle Vedove, G. & Boscutti, F. (2024). Multifunctionality of flowering cover crops: Supporting pollinators while enhancing weed control and soil quality. Presentazione orale – EurBee 10 – 10th Congress of Apidology, Tallinn (Estonia).
- **Lami, F.**, Bordoni, A., Cabiddu, L., Lenzi, L., Mazzei, M., Morandi, B. & Sgolastra, F. (2024). The DREAM project: Pollinator-friendly actions for multifunctional biodiversity enhancement in apple agroecosystems of Northern Italy. Poster – EurBee 10 – 10<sup>th</sup> Congress of Apidology, Tallinn (Estonia).
- **Lami, F.**, Morelli, A., Burgio, G. & Bazzocchi, G. G. (2024). Effects of urban agriculture on pollinator species-habitat networks. Invited oral presentation – 7th European Congress of Conservation Biology, Bologna (Italia) – Simposium 148-1: Pollination in agricultural systems.
- **Lami, F.**, Burgio, G., Magagnoli, S., Sommaggio, D., Horváth, R., Nagy, D. & Masetti, A. (2024). Ground-dwelling arthropods as biodiversity indicators in maize agroecosystems of Northern Italy. Oral presentation – 7th European Congress of Conservation Biology, Bologna (Italia).
- **Lami, F.**, Burgio, G., Magagnoli, S., Frassineti, E., Marotti, I., Dinelli, G. & Masetti, A. (2023). Effects of botanical insecticides on the green peach aphid *Myzus persicae* (Sulzer) and its natural enemies *Propylea quatuordecimpunctata* (L.) and *Aphidius colemani* Viereck. Poster – XII European Congress of Entomology, Heraklion (Grecia).
- **Lami, F.**, Burgio, G., Magagnoli, S., Frassineti, E., Marotti, I., Dinelli, G. & Masetti, A. (2023). Effetti di insetticidi di origine naturale sull'afide verde del pesco *Myzus persicae* (Sulzer) e i nemici naturali *Propylea quatuordecimpunctata* (L.) e *Aphidius colemani* Viereck. Poster – XXVII Congresso Nazionale Italiano di Entomologia, Palermo.
- **Lami, F.** (2022). Paesaggi viventi - La rete di interazioni fra biodiversità e habitat. Oral presentation – Convegno MultiCampus dell'Università di Bologna per l'UNESCO – “Paesaggi, patrimoni di cultura e di natura”, Cesena.
- **Lami, F.**, Burgio, G., Magagnoli, S., Sommaggio, D., Horváth, R., Nagy, D. & Masetti, A. (2022). The potential of ground-dwelling arthropods as biodiversity indicators in maize agroecosystems of Northern Italy. Oral presentation – XIII Annual Meeting of the European PhD Network “Insect Science”, Firenze.
- **Lami, F.** & Marini, L. (2018). The species-habitat network: a novel approach to the study of habitat use. Oral presentation – XI European Congress of Entomology, Napoli.
- **Lami, F.**, Masetti, A., Sommaggio, D. & Burgio, G. (2015). Ground-dwelling beetles in maize agroecosystems of Northern Italy: their potential as biodiversity indicators. Poster – Ecology at the interface, 13th European Ecological Federation and 25th Società Italiana di Ecologia joint conference, Roma. Book of abstracts p. 542.
- **Lami, F.**, Masetti, A., Staiano, G., Lener, M., Rastelli, V., Neri, U., Arpaia S. & Burgio, G. (2014). Lady Beetles (Coleoptera: Coccinellidae) in Ecological Compensation Areas surrounding maize fields: chance of exposure to Bt toxins through pollen feeding. Poster – XXIV Congresso della Società Italiana di Ecologia, Ferrara. Book of abstracts p. 55.

## OTHER PUBLICATIONS

- **Lami, F.** (2024). Paesaggi viventi: La rete di interazioni fra biodiversità e habitat. In *UNESCO. Paesaggi, patrimoni di cultura e di natura* (pp. 75 - 80), Tassinari, P., Bologna: Università di Bologna, p. 159. ISBN 9788854971462. DOI 10.60923/pcrp\_2024-2.
- **Lami, F.** & Marini, L. (2022, February 12th). La personalità può aiutare l'agricoltura. *L'Essenziale*, (14).
- Sigura, M., **Lami, F.**, Zandigiacomo, P., Piani, L., Boscutti, F., Peccol, E., Iervolino, D. & Casagrande, G. (2022). Un progetto transfrontaliero per lo sviluppo e gestione di infrastrutture verdi nei bacini fluviali dell'Isonzo e del Vipacco. In *Consumo di suolo, servizi ecosistemici e Green Infrastructures – Rapporto CRCS 2022* (pp. 187 – 193), Arcidiacono, A. et al., INU Edizioni Srl, Roma. ISBN: 978-88-7603-233-2.
- Rainis, S., Fabro, M., Danielis, R., Dorigo, G., **Lami, F.**, Vuerich, M. & Boscutti, F. (2021). Potenziale contributo in termini di servizi agronomici ed ecosistemici delle colture di copertura (cover crop). *Notiziario ERSA* 2/2021: 17 – 22.

## **REFERENCES**

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**Dr. Ignasi Bartomeus**

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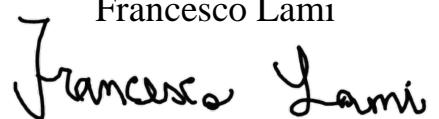
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Bologna, 11/12/2024

Francesco Lami

A handwritten signature in black ink that reads "Francesco Lami". The signature is fluid and cursive, with "Francesco" on the top line and "Lami" on the bottom line.