

Francesca Raffini, PhD
Curriculum Vitae

Personal & Contact Information

Nationality	Italian
Date of birth	19 th March 1988
Place of birth	Bologna (Italy)
Mobile phone	+39 3386171780 (text messages only)
E-mail	francesca.raffini3@gmail.com
Website	https://raffinifrancescalab.weebly.com/
ORCID	0000-0002-7462-5922
Disability	Profoundly deaf (lips reader, no sign language, hearing aids) Officially assessed as severely disabled (civil disability, deafness L. 381/70, protected categories L. 68/99, L. 104/92)

Education

2014 - 2018	<i>Summa cum laude</i> Doctor of Natural Sciences (<i>Dr. rer. nat</i>) University of Konstanz (Germany) International Max Planck Research School for Organismal Biology (Germany) Recognized as equivalent to <i>Dottore di Ricerca</i> of the Italian University Grades system
2010 - 2012	<i>Cum laude</i> Master of Science in Biodiversity and Evolution University of Bologna (Italy)
2007 - 2010	Bachelor of Science in Biological Sciences University of Bologna (Italy)
2002 - 2007	High School diploma, concentration in Environmental Sciences Liceo Scientifico Statale Leonardo da Vinci, Casalecchio di Reno (Italy)

Professional Appointments

2022 - present	Full Scientific Researcher (tenured, Ricercatore III livello) Stazione Zoologica Anton Dohrn (Italy)
2022	Postdoctoral researcher (Assegnista di ricerca) Stazione Zoologica Anton Dohrn (Italy) Responsibilities: research, projects management, administrative tasks, funding application, accounting, teaching, bioinformatics analysis, scientific writing, publication of scientific results in peer-reviewed journals
2019 - 2022	Postdoctoral academic researcher (Assegnista di ricerca) Ferrara University (Italy) Responsibilities: research, projects management, administrative tasks, funding application, accounting, teaching, experiments implementation, bioinformatics analysis, scientific writing, publication of scientific results in peer-reviewed journals
2019 - present	Visiting postdoctoral academic researcher

- The University of Sheffield (UK)
Responsibilities: research, projects management, administrative tasks, funding application, accounting, fieldwork, experiments implementation, bioinformatics analysis, scientific writing, publication of scientific results in peer-reviewed journals
- 2018 - 2019 Postdoctoral academic researcher
The University of Sheffield (UK)
Responsibilities: research, projects management, administrative tasks, funding application, accounting, fieldwork, experiments implementation, bioinformatics analysis, scientific writing, publication of scientific results in peer-reviewed journals
- 2018 Postdoctoral academic researcher
Max Planck Institute for Ornithology (Germany)
Responsibilities: research, teaching, projects management, administrative tasks, funding application, accounting, experiments implementation, wet lab work, bioinformatics analysis, scientific writing, fish husbandry, publication of scientific results in peer-reviewed journals
- 2017 - 2018 Academic researcher
Max Planck Institute for Ornithology (Germany)
Responsibilities: research, teaching, projects management, administrative tasks, funding application, accounting, experiments implementation, wet lab work, bioinformatics analysis, scientific writing, fish husbandry, publication of scientific results in peer-reviewed journals
- 2016 - 2017 Zukunftskolleg associated research fellow
Zukunftskolleg Konstanz (Germany)
Responsibilities: research, teaching, projects management, administrative tasks, funding application, accounting, experiments implementation, wet lab work, bioinformatics analysis, scientific writing, fish husbandry, publication of scientific results in peer-reviewed journals
- 2015 - 2016 Deutscher Akademischer Austauschdienst (DAAD) research fellow
Deutscher Akademischer Austauschdienst (Germany)
Responsibilities: research, teaching, projects management, administrative tasks, funding application, accounting, experiments implementation, wet lab work, bioinformatics analysis, scientific writing, fish husbandry, publication of scientific results in peer-reviewed journals
- 2014 - 2018 International Max Planck Research School for Organismal Biology research fellow
Konstanz University and Max Planck Institute for Ornithology (Germany)
Responsibilities: research, management & development & presentation of PhD thesis project(s), accounting, experiments implementation, collaboration networks, applications' reviewer, publication of scientific results in peer-reviewed journals, scientific outreach
- 2014 - 2017 Academic researcher
Department of Biology, Konstanz University (Germany)
Responsibilities: research, teaching, projects management, administrative tasks, funding application, accounting, experiments implementation, wet lab work, bioinformatics analysis, scientific writing, fish husbandry, publication of scientific results in peer-reviewed journals
- 2011 - 2012 Molecular ecology & molecular biology trainee

	Bologna University (Italy) Responsibilities: underwater field sampling, wet lab work, bioinformatics analysis, scientific writing
2009 - 2010	Conservation genetics & molecular biology trainee Bologna University (Italy) Responsibilities: wet lab work, bioinformatics analysis
2006	Molecular biology and bioinformatics trainee Life Learning Center (Italy) Responsibilities: wet molecular lab work, bioinformatics analysis
2005	Public administration employee Centro di documentazione pedagogico, Casalecchio di Reno (Italy) Responsibilities: Public administration information management

Scientific Publications

*Equal contribution

1. Imperadore P, Cagnin S, Allegretti V, Millino C, **Raffini F**, Fiortio G, Ponte G (2023) Transcriptome-wide selection and validation of a solid set of reference genes for gene expression studies in the cephalopod mollusc *Octopus vulgaris*. *Frontiers in Molecular Neurosciences* 23, doi: <https://doi.org/10.3389/fnmol.2023.1091305>
2. Bosso L, Smeraldo S, Russo D, Chiusano ML, Bertorelle G, Johannesson K, Butlin RK, Danovaro R, **Raffini F** (2022) The rise and fall of an alien: why the successful colonizer *Littorina saxatilis* failed to invade the Mediterranean Sea. *Biological Invasions* 24: 3169-3187, doi: <https://doi.org/10.1007/s10530-022-02838-y>
3. Bertorelle G*, **Raffini F***, Bosse M, Bortoluzzi C, Iannucci A, Trucchi E, Morales HE*, Van Oosternhout C* (2022) Genetic load: genomic estimates and applications in non-model animals. *Nature Reviews Genetics* 23: 492-503, doi: <https://doi.org/110.1038/s41576-022-00448-x>
4. Trucchi E, Benazzo A, Lari M, Iob A, Vai S, Nanni L, Bellucci E, Bitocchi E, **Raffini F**, Xu C, Jackson SA, Lema V, Babot P, Oliszewski N, Gil A, Neme G, Michieli CT, De Lorenzi M, Calcagnile L, Caramelli D, Star B, de Boer H, Boessenkool S, Papa R, Bertorelle G (2021) Ancient genomes reveal early Andean farmers selected common beans while preserving diversity. *Nature Plants* 7: 123-128, doi: <https://doi.org/10.1038/s41477-021-00848-7>
5. **Raffini F**, Bertorelle G, Biello R, D'Urso G, Russo D, Bosso L (2020) From nucleotides to satellite imagery: approaches to identify and manage the invasive pathogen *Xylella fastidiosa* and its insect vectors in Europe. *Sustainability* 12 (11): 4508, doi: <https://doi.org/10.3390/su12114508>
6. **Raffini F***, Schneider RF *, Franchini P, Kautt A, Meyer A (2020) Diving into divergence: differentiation in swimming performances, physiology and gene expression between locally-adapted sympatric cichlid fishes. *Molecular Ecology* 29 (7): 1219-1234, doi:<https://doi.org/10.1111/mec.15304>
 - This paper has obtained the cover of *Molecular Ecology* volume 29 and has been covered by the Perspective by Gaither MR, Greaves S, Amirthalingam P (2020) The physiology of rapid ecological specialization: A look at the Midas cichlids. *Molecular Ecology* 29: 1215– 1218
7. **Raffini F** and Meyer A (2019) A comprehensive overview on the developmental and evolutionary basis of adaptation in a textbook model: the cichlid fish *Perissodus microlepis*. *Hydrobiologia* 832(2): 65-84, doi: <https://doi.org/10.1007/s10750-018-3800-z>

8. **Raffini F**, Fruciano C, Meyer A (2018) Gene(s) and individual feeding behaviour: exploring eco-evolutionary dynamics underlying left-right asymmetry in the scale-eating cichlid fish *Perissodus microlepis*. *Ecology and Evolution* 8(11):5495-5507, doi: <https://doi.org/10.1002/ece3.4070>
9. **Raffini F***, Fruciano C*, Meyer A (2018) Morphological and genetic correlates in the left-right asymmetric scale-eating cichlid fish of Lake Tanganyika. *Biological Journal of the Linnean Society* 124(1): 67-84, doi: <https://doi.org/10.1093/biolinnean/bly024>
10. **Raffini F**, Fruciano C, Franchini P, Meyer A (2017) Towards understanding the genetic basis of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis*. *Molecular Ecology* 26 (1): 77-91, doi: <https://doi.org/10.1111/mec.13699>.
 - This paper has obtained part of the cover of *Molecular Ecology* volume 26
11. Fruciano C, Franchini P, **Raffini F**, Fan S, Meyer A (2016) Are sympatrically speciating Midas cichlid fish special? Patterns of morphological and genetic variation in the closely related *Archocentrus centrarchus*. *Ecology and Evolution* 6 (12): 4102-4114, doi: <https://doi.org/10.1002/ece3.2184>.
 - This paper has obtained the cover of *Ecology and Evolution* volume 6

Theses

- * **Raffini F.** (2017) *Exploring the origin and maintenance of biodiversity: insights from the bilaterally asymmetrical cichlid fish Perissodus microlepis*. Ph.D. thesis supervised by Prof. Axel Meyer. Konstanz University and International Max Planck School for Organismal Biology
- * **Raffini F.** (2012) *Barriers to gene flow in marine coastal invertebrates: a multi-species and multi-scale approach*. M.Sc. thesis supervised by Prof. Marco Abbiati. Bologna University. Contributed to: Villamor A., Costantini F. and Abbiati M. (2014) Genetic Structuring across Marine Biogeographic Boundaries in Rocky Shore Invertebrates. *PLoS ONE* 9(7): e101135
- * **Raffini F.** (2010) *Genetic diversity and differentiation in Bluefin tuna (Thunnus thynnus): analysis of variation in space and time in the Mediterranean populations with neutral mitochondrial and microsatellites loci*. B.Sc. thesis supervised by Prof. Fausto Tinti. Bologna University

Teaching Experience

2020 - 2022	Guest lecturer and honorary fellow (“cultore”) in Zoology (Salerno University, Italy)
2020	Teaching associate in conservation genetics (Ferrara University, Italy)
2014 - 2018	Teaching associate in molecular laboratory and fish husbandry (Konstanz University, Germany)
2014 - 2016	Teaching associate in Evolutionary biology (Konstanz University, Germany)
2011 - 2012	Teaching associate in molecular laboratory (Bologna University, Italy)

Mentored Students

2021	Co-supervision of a M. Sc. student, Imperial College London (bioinformatics)
2020	Supervision of a B.Sc. student, University of Ferrara (conservation genomics)

2017 Co-supervision of a Ph.D. student, University of Barcelona (genetic analyses for taxonomy)

Fieldwork

2023 Collection and processing of marine snails (*Littorina* spp.) in Italy
Stazione Zoologica Anton Dohrn (Italy)

2020 Collection of the Apennine yellow-bellied toad (*Bombina pachypus*) specimens
Ferrara University, Ferrara (Italy)

Collection of marine snails (*Littorina* spp.) in Italy
The University of Sheffield, Sheffield (UK)

2019 Collection and processing of marine snails (*Littorina* spp.), multiple expeditions in Spain
The University of Sheffield, Sheffield (UK)

2018 Collection and processing of marine snails (*Littorina* spp.) in Sweden
The University of Sheffield, Sheffield (UK)

2012 Underwater scuba diving fieldwork, measuring benthic assemblages
University of Bologna, Bologna (Italy)

2011 - 2012 Underwater scuba diving fieldwork, collection and processing of marine invertebrates (crustaceans, mollusc, porifera)
University of Bologna, Bologna (Italy)

Additional Scientific and Editorial Services

2020 - 2021 Guest Editor for the *Journal of Nature Conservation*, "Biological uniqueness: tools and advances to protect endemism" Special Issue

2018 - present Associate Editor for the *Journal of Zoology*

2016 - present Reviewer for international peer-reviewed scientific journals (*Evolutionary Applications*, *Molecular Ecology*, *Molecular Ecology Resources*, *Evolution*, *Heredity*, *Journal of Evolutionary Biology*, *Ecology and Evolution*, *Biological Journal of the Linnean Society*, *Hydrobiologia*, *Mammalian Biology*, *MDPI Biology*, *Ecological Informatics*, *Frontiers Ecology and Evolution*, *PLoS ONE*, *Thalassas*)

2015 - 2018 Swim tunnel system set-up and management

2014 - 2018 Sequencers' backup management

2014 - present Reviewer and panel member for the Max Planck Institute for Ornithology (now Animal Behaviour) and International Max Planck Research School for Organismal Biology grants

Grants & Scholarships

2023	Research Projects of National Relevance (PRIN 2022 PNRR) grant Italian Ministry of University and Research Title of the project: Illuminating range shifts through evolutionary FIASCO : contrasting Falling And Successful ColOnizations in replicated wild populations € 241,074
2020	ISEB - EMBO Scholarship (travel grant) Italian Society for Evolutionary Biology and European Molecular Biology Organization € 500
2019	Assemble Plus Transnational Access Programme Grant 3 rd call Assemble Plus Fieldwork expenses for two people (~€ 6,000)
2018	Assemble Plus Transnational Access Programme Grant 2 nd call Assemble Plus Fieldwork expenses for two people (~€ 6,000) Early-Bird Postdoctoral Grant International Max Planck Research School for Organismal Biology € 26,900
2017	Bridge Funding Grant International Max Planck Research School for Organismal Biology € 12,200
2016	Zukunftskolleg Doctoral Scholarship Zukunftskolleg Konstanz € 13,900
2015	DAAD Research Grant Deutscher Akademischer Austauschdienst € 12,510 Equipment Grant University of Konstanz Reinvestitionsprogramm Equipment: Loligo complete swim tunnel system 185 L; in collaboration with Prof. Dr. Axel Meyer, substantial contribution € 17,656 Project Grant International Max Planck Research School for Organismal Biology Title of the project: Exploring the role of individual feeding behaviour in shaping left right asymmetry in the scale-eating cichlid <i>Perissodus microlepis</i> through stable isotope analyses € 1,500 Project Grant International Max Planck Research School for Organismal Biology Title of the project: The Pharyngeal Jaw of East African Cichlids is a Magic Trait Promoting Speciation by Non-Random Mating; in collaboration with Ralf F. Schneider € 3,252

Travel Grant
Leipzig University
€ 300

Travel Grant
International Max Planck Research School for Organismal Biology
€ 1,000

2014 Travel Grant
International Max Planck Research School for Organismal Biology
€ 1,500

2011 Travel Grant
Bologna University
€ 350

Awards

2019 Best reviewing service
Evolution journal

2016 Best paper award
International Max Planck Research School for Organismal Biology
€ 200

2015 Preise für das beste Poster (best poster award)
Deutsche Zoologische Gesellschaft

Invited Talks

2019 Of snails, crabs and waves: a tale of adaptation through the lens of genomics
Invited speaker at the ECIMAT University of Vigo, Spain
Available online at <https://bit.ly/2FbzwqR> and <https://bit.ly/2RmBEk8>

2018 Exploring the origin and maintenance of biodiversity: insights from cichlid fishes
Invited speaker at the GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany

2017 Towards understanding the basis of mouth asymmetry in the scale-eating cichlid
Perissodus microlepis
Invited speaker at the Max Planck Institute for Ornithology, Germany

2017 Academia and invalidity. Challenges and benefits of employers and disabled
employees in doing research with disability
Invited speaker at the University of Konstanz Equal Opportunity and Employment
Office, Germany

2016 Towards understanding the genetic basis of mouth asymmetry in the scale-eating
cichlid *Perissodus microlepis*
Invited speaker at the Max Planck Institute for Ornithology, Germany

2013 Barriers to gene flow in marine coastal invertebrates: a multi-species and multi-scale
approach. How can Genetics help Ecology?
Invited speaker at the Pavia University; Pavia, Italy

Outreach and Media Coverage

- 2022 *Littorina saxatilis*, aliena a metà
Press coverage on *La Nuova Ecologia*
- Il Mediterraneo è troppo salato e la lumachina 'aliena' fa dietrofront*
Interview on the newspaper *La Repubblica* and *La Tribuna di Treviso*
- Science Animated - ENDEMIXIT genetics to study and protect biodiversity
YouTube video - https://www.youtube.com/watch?v=mL_JzgOqk7c&feature=youtu.be
- 2021 Science Animated - ENDEMIXIT la genetica per studiare e tutelare la biodiversità
YouTube video - https://www.youtube.com/watch?v=AkAj63_KixA
- 2020 - 2022 Regular contributions to the ENDEMIXIT's blog posts (<https://endemixit.com/blog-2-2/>)
- 2019 Science Animated - A snail's tale on the origin of species
YouTube video animation - <https://youtu.be/XDAuQQzQuWg>
- 2019 Discovery Night – The University of Sheffield
- Preto dunha vintena de investigadores estranxeiros elixen a Ecimat para desenvolver os seus proxectos
Interview on the newspaper *Duvi*
- 2017 Academia and invalidity. Challenges and benefits of employers and disabled employees in doing research with disability
Invited speaker at the University of Konstanz Equal Opportunity and Employment Office, Germany
- Wenn Einseitigkeit besser ist. Konstanzer Studentin geht Merkwürdigkeit auf den Grund – when asymmetry is better*
Interview on the newspaper *Südkurier*

Contributed research presentations

- 2023 Andrade P, Barry P, Balmori-de la Puente A, Magalhães, Lima F, Carvalho João, Carneiro M, De Jode A, Raffini F, Reeve J, Rolán-Alvarez E, Johannesson K, Galindo J, Butlin R, Faria R The Stone Raft: understanding evolutionary processes shaping *Littorina* diversity in the Iberian Peninsula
XIII International Symposium on Littorinid Biology and Evolution. Vila do Conde, Portugal
- Balmori-de la Puente A, De Jode A, Reeve J, Raffini F, Barry P, Galindo J, Westram AM, Johannesson K, Butlin R, Faria R What can SNPs tell us about the Iberian populations of *L. saxatilis*?
XIII International Symposium on Littorinid Biology and Evolution. Vila do Conde, Portugal
- De Jode A, **Raffini F**, Faria R, Johannesson K, Galindo J, Rolán-Alvarez E, Butlin R Parallel divergence but different levels of reproductive isolation in a marine snail
XIII International Symposium on Littorinid Biology and Evolution. Vila do Conde, Portugal

- Bosso L, Panzuto R, **Raffini F**, Chiusano ML, Gili C, Balestrieri R From citizen science to spatial modelling: conservation implications for *Hippocampus hippocampus* and *H. guttulatus* along the Italian coasts (selected talk)
I Early Career Researchers Conference of the Society for Conservation Biology – Italy chapter. Rome, Italy
- 2022 **Raffini F**, de Jode A, Westram A, Rolán-Alvarez E, Galindo J, Johannesson K, Faria F, Butlin R Whole genome sequencing across the intertidal gradient reveals strong reproductive isolation between Spanish *Littorina saxatilis* ecotypes (selected talk)
VIII Meeting of the Spanish Society for Evolutionary Biology. Vigo, Spain
- 2021 Bosso L, Russo D, Chiusano ML, Bertorelle G, Johannesson K, Butlin R, Danovaro R, **Raffini F** The rise and fall of an alien: why the successful colonizer *Littorina saxatilis* failed to invade the Mediterranean Sea (selected talk)
XXX Congress of the Italian Society of Ecology – virtual event
- Faria R, Westram A, Stankowski S, **Raffini F**, Johannesson K, Butlin R and the *Littorina Team* Comparing direct measures of reproductive isolation with genetic patterns: first insights from *Littorina* (poster)
ESEB Satellite Symposium on “Understanding Reproductive Isolation: Bridging Conceptual Barriers in Speciation Research” – virtual event
- Raffini F**, Stankowski S, Faria R, Butlin R A species or two? Whole genome resequencing uncovers complete and incomplete speciation in an iconic model of repeated parallel evolution (poster)
EMBO Virtual Practical Course on Population Genomics – virtual event
- 2020 **Raffini F**, Westram A, Faria R, Stankowski S, Galindo J, Butkin R Illuminating adaptive divergence (and speciation?) with gene flow through Hybrid zones in the marine snail *Littorina saxatilis* (selected talk)
EVOLMAR 2020 – Marine Evolution Virtual Congress
- 2017 **Raffini F**, Fruciano C, Franchini P, Meyer A Towards understanding the genetic of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis* (poster)
SIBE_ISEB workshop Inferring Natural Selection using Genomic Data. Ferrara, Italy
- 2017 **Raffini F**, Fruciano C, Franchini P, Meyer A Towards understanding the genetic and non-genetic basis of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis* (talk)
Cichlid Science 5th meeting. Prague, Czech Republic
- 2016 **Raffini F**, Fruciano C, Franchini P, Meyer A Towards understanding the genetic basis of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis* (poster)
International Conference on Genomics and Bioinformatics. Izmir, Turkey
- 2015 **Raffini F**, Fruciano C, Franchini P, Meyer A Revealing the genetic basis of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis* (poster - best poster prize)
Deutsche Zoologische Gesellschaft 108th annual meeting. Graz, Austria
- 2015 **Raffini F**, Fruciano C, Franchini P, Meyer A Revealing the genetic basis of mouth asymmetry in the scale-eating cichlid *Perissodus microlepis* (poster)
Cichlid Science Meeting. Graz, Austria
- 2014 **Raffini F**, Villamor A, Costantini F, Abbiati M Barriers to gene flow in marine coastal invertebrates: a multi-species and multi-scale approach (talk)
International Max Planck Research School for Organismal Biology Selection Symposium. Seewiesen, Germany

2012 Villamor A, **Raffini F**, Costantini F, Abbiati M A multi-species and multi-scale approach to marine connectivity: the Italian peninsula as a study case (abstract)
Evolution Symposium SIBE-ISEB 2012. Ferrara, Italy

Symposia & Conferences

2023 Society for Molecular Biology and Evolution urban diffused meeting; Ferrara, Italy (symposium organizer – 27 Regulatory evolution and the emergence of diversity)
I Early Career Researchers Conference of the Society for Conservation Biology – Italy chapter; Rome, Italy (talk contribution)

2021 XXX Congress of the Italian Society of Ecology (talk contribution)

2021 GAP 2021 – Genomes of Plants and Animals Virtual Conference

2020 Biodiversity Genomics Virtual Conference 2020
EVLMMAR 2020 – Marine Evolution Virtual Congress (talk contribution)

2019 8th Congress of the Italian Society for Evolutionary Biology (SIBE-ISEB); Padova, Italy
52nd Population Genetics Group meeting; Oxford, UK

2017 Grand Challenges Symposium on Reconciling theoretical models with real-world data; Seewiesen, Germany (invited talk)
Cichlid Science 2017 5th meeting; Prague, Czech Republic (talk contribution)

2016 Grand Challenges Symposium on Evolutionary Ecology of Individual differences; Konstanz, Germany (talk contribution)
International Conference on Genomics and Bioinformatics; Izmir, Turkey (poster contribution)

2015 Grand Challenges Symposium on Scientific Communication; Seewiesen, Germany
Deutsche Zoologische Gesellschaft 108th annual meeting and 25th Anniversary; Graz, Austria (poster contribution - best poster prize)
Cichlid Science 2015 4th meeting; Graz, Austria (poster contribution)

2014 1st Symposium der Graduiertenschule Biological Sciences (GBS); Konstanz, Germany
Symmetry and Asymmetry in Biology, Conference; Paris, France
5th International Max Planck Research School for Organismal Biology Selection Symposium; Seewiesen, Germany

2013 5th Congress of the Italian Society for Evolutionary Biology (SIBE-ISEB); Trento, Italy

2012 Evolution Symposium SIBE-ISEB 2012; Ferrara, Italy (abstract contribution)

2011 3rd International Symposium on Occupational Scientific Diving of ESPD (AIOSS); Porto Cesareo, Lecce, Italy

Workshops & Courses

2022	Corso di Tecniche di Comunicazione Divulgativa del Dott. Marco Catellazzi APRE: collaborative research in Horizon Europe: how to write a successful proposal
2021	EMBO Virtual Practical Course on Population Genomics: background, tools and programming (only top 25 candidates accepted)
2017 - 2018	Dem Programm Mentoring ^{plus} teilgenommen (mentoring program with experienced professionals); Konstanz, Germany
2016	Inferring Natural Selection using Genomic Data; Ferrara, Italy (poster contribution) Bioinformatics and Genome Analysis EMBO Practical Course (EMBO); Izmir, Turkey (only top 20 candidates accepted)
2015	Writing of Research Statements and Grant Proposals workshop (Dr. Sabine Preusse; RaumZeit); Radolfzell, Germany Introduction into Scientific Writing workshop (Dr. Brian Cusack; Science Craft); Seewiesen, Germany 4 th Programming for Evolutionary Biology Course (Leipzig University); Leipzig, Germany (only top 20 candidates accepted) Genetic Data Handling Course (Dr. Jakob Mueller, MPIO Seewiesen); Seewiesen, Germany
2014	Practical Course on Next Generation Sequencing for Population Genetics and Experimental Evolution (Vienna Graduate School of Population Genetics); Vienna, Austria (only top 20 candidates accepted)
2013	2 nd Workshop on Biology and ecotoxicology of large marine vertebrates and seabirds: potential sentinels of Good Environmental Status of marine environment, implication on European Marine Strategy Framework Directive; Accademia dei Fisiocritici, Siena, Italy
2012	Practical Course on Underwater Scientific Research; Ravenna, Italy

Society Memberships

2023 - present	Society for Molecular Biology and Evolution
2023 - present	Society for Conservation Biology – Italy chapter (SCB Italy)
2021 - present	Italian Society of Ecology (S.It.E.)
2018 - present	The Genetics Society
2015 - present	Deutsche Zoologische Gesellschaft (German Zoological Society)
2013 - present	Italian Society for Evolutionary Biology (SIBE-ISEB)

2011 - present	Associazione Italiana Operatori Scientifici Subacquei (Italian Underwater Scientific Professionals Society)
2011 - present	Unione Zoologica Italiana (Italian Zoological Society)
2011 - present	Sub Olimpia Bologna (Scuba Diving Society)
2011 - present	Federazione Italiana Attività Subacquee CMAS - FIAS (Scuba Diving Society)
2000 - 2005	Corpo Nazionale Giovani Esploratori ed Esploratrici Italiani (Scout Society)

Languages

Italian: native speaker

English: fluent

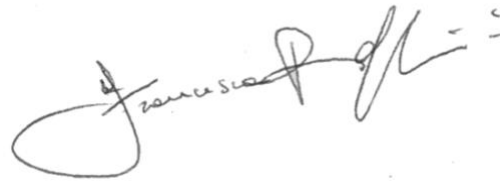
2006 - present	Routinely used in professional and private life
2005	B2 English language certificate (Embassy CES, UK)
2004	B1 English language certificate (Trinity College London, Ireland)
2003	B1 English language certificate (Link School of English, Malta)

German: basic user

Licenses

2013	First aid license (CMAS-FIAS) Dry suit diver (CMAS-FIAS) Third level - Master dive leader (CMAS-FIAS)
2011	Second level - Independent diver (CMAS-FIAS) First level - Beginner diver (CMAS-FIAS)
2006	Driving license category B (Italy)

The declarant:

A handwritten signature in black ink, appearing to read 'Francesca Raffini', written in a cursive style.

11.09.2023

Francesca Raffini, PhD