

PERSONAL INFORMATION

Name/Surname: ADRIANA/BELLATI
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University of Pavia
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EDUCATION AND TRAINING

Ph.D at the University of Pavia (March 2012). Dissertation title: "Intra- and inter-population analysis of colour polymorphism in *Podarcis muralis* (Sauria: Lacertidae) using mitochondrial and nuclear markers" Awarded February 2012 (Supervisor: Prof. Paolo Galeotti).

Master Degree (Laurea specialistica, equal to MSc.) (February 2008) in Natural Sciences; University of Parma, Italy. Dissertation title (in Italian): "Differenziazione genetica e fenologia riproduttiva in due popolazioni di gheppio *Falco tinnunculus*" (Supervisor: Prof. James Tagliavini). Mark: 110/110 with honours.

Bachelor Degree (Laurea triennale, equal to BSc.) (February 2005) in Natural Sciences (Zoology); University of Milano, Italy. Dissertation title (in Italian): "Confronto tra lo spermatozoo di due specie del genere *Urodasyus*" (Supervisors: Prof. Marco Ferraguti, Dr. Roberto Marotta). Mark: 110/110 with honours.

CURRENT PROFESSIONAL POSITION

Post-Doc at the University of Pavia, granted by the Department of Earth and Environmental Sciences (till 31 March 2019).

National Scientific Qualification (Italian) for the position of **Associate Professor in Zoology and Anthropology** (SC 05/B1 SSD BIO/05), granted by the Italian Ministry of the Education, Universities and Research (27/07/2018 – 27/07/2024).

MEMBERSHIPS

Since 2019: International Association for Open Knowledge on Invasive Alien Species (INVASIVESNET)
Since 2019: Deutsche Gesellschaft für Herpetologie und Terrarienkunde (DGHT)
Since 2018: Society for the Study of Evolution (SSE)
Since 2017: Societas Europaea Herpetologica (SEH)
Since 2013: Italian Society for Evolutionary Biology (ISEB)
Since 2009: Societas Herpetologica Italica (SHI)

AREA OF SCIENTIF ACTIVITY

I'm an evolutionary biologist with a strong interest in **population genetics, ecology** and **herpetology**. I study remote and proximate causes that promote the **evolution** and the **variability** of populations and species. I'm similarly interested in detecting the effect of **inter-specific interactions** between native and alien species in term of genomic introgression, competition, distribution and pathogens spread and I use to address these issues by means of an **integrative approach** (i.e. molecular and ecological). My **model organisms** are **reptiles** and **amphibians**, but I also worked with birds, fishes, and crustaceans.

I graduated in 2008 (MSc) at the University of Parma (Italy). During my thesis, I studied the breeding phenology and the population genetic structure of early- vs late-breeding pairs of European kestrel (*Falco tinnunculus*) by means of dominant markers. I found evidence of both phenotypic and genetic differentiation between pairs, and I improved my skills both in field research and laboratory techniques.

After my MS, I moved from the University of Parma to the **University of Milano-Bicocca** to improve my knowledge in **Molecular Techniques, Bioinformatics** and **Statistics**. Thanks to a fruitful collaboration with Prof. Dr. Maurizio Casiraghi and its team (ZooPlantLab), I improved my skills in **fragment analysis, DNA barcoding, Phylogeography** and **Phylogenetics**.

At the beginning of my carrier, I was **responsible for setting up a molecular laboratory** for the Department of Earth and Environmental Sciences of the University of Pavia, where I'm currently **supervising Bachelor, Master and PhD students**, also **coordinating all the research** programs involved in my research group.

During my PhD, I focused much more on **Population Genetics** and **microevolutionary processes** such as **gene flow, metapopulation dynamics** and **assortative mating**, dealing with the study of mechanisms promoting the evolution and maintenance of colour polymorphism in the **common wall lizard (*Podarcis muralis*)**. Besides my main research project, I took part in several side-projects concerning the study of both molecular and phenotypic divergences in various herpetological groups such as **dendrobatids from Costa Rica (*Oophaga granulifera*)**. By taking part in many experiments directed towards the identification of intraspecific phenotypic differences, I improved my skills in **Physiology (hormonal assay), Haematological analyses, Coloration analysis**. I spent a period abroad at the National Natural History Museum of Madrid (Spain) learning the basic principles of **Gaschromatography** for the study of femoral glands' chemical composition of lacertid lizards.

During my **Post-doctoral experience**, I focused mainly on **Systematics** and **Species delimitation**, dealing with the **resolution of cryptic diversity** in species complexes. Currently, I'm using coalescent approaches of **species tree** and **time-calibrated tree** to propose new phylogenetic relationships within genus like **Anatololacerta (Anatolian rock lizard), Ablepharus (snake-eyed skink), Anguis (slow worm)**, and apply delimitation methods to identify candidate new species. Thanks to these research projects, I also improved my skills in **Bayesian clustering algorithms**.

Currently, I'm **Post-Doc** at the University of Pavia (Italy), where I deal with several projects developed in the molecular laboratory I personally set up in 2009. My current research activities focus on: **1. Molecular identification of cryptic invasive taxa and their pathogens**, with focus on the mechanisms and effects of alien genomic introgression in autochthonous taxa (gen. *Bufo*, gen. *Pelophylax*); **2. Analysis of the adaptive fitness advantage of alien species and their hybrids** over autochthonous genomes, using the gen. *Pelophylax* as a model system; **3. Molecular survey of Madagascar herpetofauna** by means of integrative taxonomic approach; **4. Population and Landscape genetics** for the conservation of amphibians (*Ichtyosaura alpestris*; *Rana dalmatina*).

I'm currently involved in multiple **Conservation** projects to infer population structure of autochthonous taxa like *Pelophylax lessonae* (pool frog), *Austropotamobius* (Italian crayfish), *Sciurus* (brown squirrel), *Platalea* (spoonbill) and assess non-obvious barriers to gene flow in the **Alpine newt** (*Ichthyosaura alpestris*) and the **brown frog** (*Rana dalmatina*) by means of **Landscape genetics**. Thanks to fruitful international collaboration with the **Institute of Evolutionary Biology of Barcelona (Spain)** and **CIBIO/InBIO (Centro de Investigação em Biodiversidade e Recursos Genéticos) of Vairao (Portugal)** I sensibly increased my skills in Laboratory and Bioinformatics, recently approaching also **Next-Generation Sequencing (NGS)** techniques to solve evolutionary genetic and genomic issues.

I have a solid **Field research experience** working with on several amphibian and reptile taxa (mainly in Italy and Europe, but also in Costa Rica and Seychelles). I have thorough knowledge in **Captive Breeding** of both reptiles and amphibians: I took part in three-year **breeding experiments** (2009-2011) **on wall lizards** (*Podarcis muralis*) to infer morph-specific differences in reproductive strategies, and three-year **breeding experiments** (2017- ongoing) **of water frogs** (gen. *Pelophylax*). All these experiences qualified me to work with an **integrative approach** in my current position.

PREVIOUS AND CURRENT SCIENTIFIC AND/OR PROFESSIONAL ACTIVITIES

Obtained fellowships

01-10-2018 - now

Fellowship owner. Project title: "Monitoring of the herpetofauna with focus on the ecological connectivity of Parco delle Groane and neighbouring areas", granted by the Department of Earth and Environmental Sciences of the University of Pavia, Pavia, Italy. Supervisor: Prof. Mauro Fasola.

01-05-2018 - 30/08/2018

Fellowship owner. Project title: "Molecular characterization of allochthonous species", granted by the Department of Earth and Environmental Sciences of the University of Pavia, Pavia, Italy. Supervisor: Prof. Mauro Fasola.

01-12-2011 - 30/04/2018

Postdoctoral researcher. Project title: "Analysis of population genetic structure in Reptiles", granted by Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy. Supervisor: Prof. Mauro Fasola.

26-05-2008 - 28-09-2008

Fellowship owner. Project title: "Interspecific differences between two allochthonous species of *Paradoxornis* from Palude Brabbia (Varese) by molecular and morphometric approach", granted by Regione Lombardia and European Social Fund (ESF). Supervisor: Prof. Dr. Maurizio Casiraghi.

Teaching experience

23-01-2017 - 30-01-2017

Teaching the training course "Analisi dei focolai e individuazione delle vie di dispersione del tarlo asiatico *Anoplophora chinensis* in Lombardia" at Laboratorio Fitopatologico Regione Lombardia, Servizio Fitosanitario/Fondazione Minoprio, Vertemate con Minoprio, Como, Italy.

29-10-2015 – 15-12-2015

Teaching the training course "Identificazione di sorgenti e vie di colonizzazione di specie invasive" at Laboratorio Fitopatologico Regione Lombardia, Servizio Fitosanitario/Fondazione Minoprio, Vertemate con Minoprio, Como, Italy.

11-15/12/2017, 09-11/30-12-2016, 02/30-12-2014, 18-11/31-12-2013, 19-11/17-12-2012

Assistant Lecturer for the course "**Systematic Zoology**" for BSc in Nature Sciences; Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy.

22/25-10-2012 - 03/04-12-2013

Teaching the training course: "Tecniche molecolari applicate all'Ecologia" for the PhD students in "Experimental Ecology and Geobotany" at the Department of Earth and Environmental Sciences of the University of Pavia, Pavia, Italy.

02-12-2011/03-02-2012, 28-02/28-04-2011, 02-11/11-12-2009, 21-10/28-11-2008

Assistant Lecturer for the course "**Zoology**" for BSc in Biological Sciences. Department of Biotechnology and Biosciences, University of Milano-Bicocca, Milano, Italy.

Project participation

01/04/2018 - now

"PodColor - Origin and maintenance of color polymorphisms: an integrative approach combining genomics, behavior and a population study"

PI: Dr. Catarina Pinho (A. Bellati: team member)

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal

Funded by FCT, Fundação para a Ciência e a Tecnologia, Portugal (02/SAICT/2017).

31/01/2017 - 31/01/2018

"Molecular detection of cryptic alien hybridization in wild populations of waterfrogs (*Pelophylax* spp.) in northern Italy, and their effects on population structure and reproduction"

PI: Dr. Adriana Bellati

Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy

Funded by SEH – Societas Europaea Herpetologica, Germany.

01/01/2015 - 31/12/2018

"Caratterizzazione genetica degli individui di Testuggine palustre europea *Emys orbicularis* e di spatola europea *Platalea leucorodia* dell'Oasi di Sant'Alessio"

PI: Prof. Mauro Fasola (A. Bellati: team member)

Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy

Funded by Oasi di Sant'Alessio, Sant'Alessio con Vialone, Pavia, Italy.

10/12/2014 - 30/04/2018

"Monitoraggio genetico della popolazione di Tritone alpestre (*Ichthyosaura alpestris*) del Parco Nazionale dello Stelvio e zone limitrofe"

PI: Prof. Mauro Fasola (A. Bellati: team member)

Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy

Funded by Parco Nazionale dello Stelvio, Italy.

01-12-2012 - 01-12-2013

"Molecular characterization and population structure on anthropophilic reptiles with guidelines for damage prevention"

PI: Prof. Mauro Fasola (A. Bellati: team member)

Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy

Project founded by Società Barilla G. & R. F.lli S.p.A., Parma, Italy.

06-10-2013 - 22-10-2013

"Comparative phylogeography of *Tarentola mauritanica* and its parasites in Italy"

PI: Dr. Angelica Crottini (A. Bellati: guest researcher)

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal

08-07-2013 - 05-08-2013

"Molecular characterization and species delimitation in the *Anatololacerta* complex"

PI: Prof. Dr. Salvador Carranza (A. Bellati: guest researcher)

IBE-CSIC, Instituto de Biología Evolutiva, Barcelona, Spain

15-04-2013 - 16-05-2013

"Phylogeography of the genus *Anguis* across the Palearctic"

PI: Dr. Angelica Crottini (A. Bellati: guest researcher)

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal

15-04-2013 - 16-05-2013

"Description of a new Malagasy microhylid species (Anura:Microhylidae)"

PI: Dr. Angelica Crottini (A. Bellati: guest researcher)

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal

10-05-2011 - 20-05-2011

"Relationship between colour polymorphism, chemical signals, parasites and health in male common wall lizard (*Podarcis muralis*)"

PI: Prof. Dr. Jose Martin, Prof. Dr. Pilar Lopèz (A. Bellati: guest researcher)

Museo Nacional de Ciencias Naturales de Madrid, Madrid, Spain

15-09-2010 - 01-02-2011

"Phylogeography of *Anguis* spp. with preliminary taxonomic revision on molecular basis"

PI: Dr. Angelica Crottini (A. Bellati: guest researcher)

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal

01-01-2009 - 31-12-2011

"Ecological corridors and renaturation in green protected areas of North Milano"

PI: Prof. Dr. Massimo Labra (A. Bellati: team member)

Department of Biotechnology and Biosciences, University of Milano-Bicocca, Milano, Italy

Founded by Fondazione Cariplo, Milano, Italy.

Fieldwork experience

28-06-2014 - 04-07-2014

Field experience in the Pyrenees: **"Comparative approach in the study of polymorphic populations of common wall lizard *Podarcis muralis*"** (Supervisor: Dr. Guillem Pérez i de Lanuza).

CIBIO/InBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairao, Portugal.

20-06-2009 - 09-07-2009

Field work expedition in Costa Rica: "**Divergent evolution in the granular poison-dart frog, *Oophaga granulifera*: genetics, advertisement calls and colouration**". (Supervisor: Dr. Oscar Brusa).

Department of Zoology, University of Veterinary Medicine, Hannover, Germany

26-05-2006 - 26-06-2006

Field work expedition in Seychelles (Aride Island): "**Ethology of the Seychelles magpie-robin (*Copsychus sechellarum*)**".

Island Conservation Society of Seychelles, Seychelles islands.

SCIENTIFIC ADVISOR AND EDITORIAL ACTIVITY

Since 2016, I'm **Associate Editor of the European Journal of Zoology** (formerly the Italian Journal of Zoology), an international indexed journal published by the Italian Society of Zoologists (Unione Zoologica Italiana).

Since 2015, I'm **Associate Editor of Acta Herpetologica**, an international indexed journal published by the Societas Herpetologica Italica (SHI).

I regularly collaborate as **referee** for the following international peer-reviewed journals: Molecular Phylogenetics and Evolution, Oecologia, PLoS ONE, Biological Journal of the Linnean Society, ZooKeys, Amphibia Reptilia, Acta Herpetologica, Molecular and Cellular Probes, Herpetological Journal, Hydrobiologia, the European Journal of Zoology, Mitochondrial DNA.

I was enrolled in **the Scientific committee** of the: X Congress of the Societas Herpetologica Italica (Genova, 2014); XI Congress of the Societas Herpetologica Italica (Trento, 2016).

I was in the **Evaluation Panel** of one European PhD thesis (Dr. Jesús Ortega Giménez) who defended a thesis entitled: Determinants of phenotypic variation in the Iberian wall lizard species complex (*Podarcis hispanicus*), awarded in **2015**.

I was **Proof-reader** in **2012** for the book "Embrioni nel tempo profondo/Embryos in the deep – Il registro paleontologico dell'evoluzione biologica" authored by M. Delfino and L. Marino, Firenze University Press, Firenze, Italy.

SUPPORTING STUDENTS and PhDs

BSc students

1. 2017/18 – Stella Corona

"Analisi del tasso di sopravvivenza e del potenziale riproduttivo in ibridi di rana verde (gen. *Pelophylax*) in Italia settentrionale"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

2. 2018/19 – Maria Luna Tesconi

"Analisi dei corridoi ecologici e dei flussi genici in popolazioni di *Rana dalmatina*"

Supervisor: Prof. Paolo Galeotti (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

3. 2016/17 – Alessandro Bolis

"Caratterizzazione genetica di riproduttori di rana verde (gen. *Pelophylax*) finalizzata alla realizzazione di incroci in vitro"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

4. 2016/17 – Lorenzo La Russa

"Effetti dell'ibridazione tra specie autoctone e alloctone di rane verdi (*Pelophylax* spp.) in Italia settentrionale"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

5. 2015/16 – Laura Quattrini

"Caratterizzazione genetica di una popolazione in cattività di *Emys orbicularis*"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

6. 2015/16 – Gloria Billeci

"Approccio molecolare per la caratterizzazione di specie morfologiche del gen. *Anonconotus* (Orthoptera:Tettigoniidae)"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

7. 2015/16 – Alice De Marco

"Analisi della variazione del livello basale di corticosterone in una popolazione polimorfica di lucertola muraiola (*Podarcis muralis*, Laurenti 1768)"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

8. 2015/16 – Sara Martimucci

"Analisi della colorazione in popolazioni polimorfiche italiane e spagnole di lucertola muraiola (*Podarcis muralis* Laurenti 1768)"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

9. 2014/15 – Andrea Savoia

"Approccio molecolare per la caratterizzazione di nuove specie di Scincidae"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

10. 2013/14 – Giorgia Cornaro

"Prima caratterizzazione molecolare del genere *Ablepharus*"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

11. 2013/14 – Leone De Marco

"Filogeografia di *Anguis* spp. con preliminare revisione tassonomica su base molecolare"

Supervisor: Prof. Dr. Maurizio Casiraghi (A. Bellati: co-supervisor)

Dept. Biotechnologies and Biosciences, University of Milano-Bicocca

MSc students

1. 2018/19 – Alessandro Bolis

"Effetti dell'esposizione a inquinanti agricoli in ibridi di rana verde (gen. *Pelophylax*)"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

2. 2018/19 – Ivan Mirabella

"Approccio integrato per la caratterizzazione di popolazioni italiane di rane verdi"

Supervisor: Dr. Andrea Galimberti (A. Bellati: co-supervisor)

Dept. Biotechnologies and Biosciences, University of Milano-Bicocca

3. 2017/18 – Susanna Seghizzi

"Analisi della struttura genetica e stima del grado di inquinamento genetico in popolazioni di rane"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

4. 2017/18 – Carlotta Raffa

"Variazione dei parametri di sviluppo e del tasso di sopravvivenza in prole ibrida di *Pelophylax* spp."

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

5. 2016/17 – Luca Del Prete

"Analisi dei flussi genici e connettività in popolazioni di *Rana dalmatina* lombarde con marcatori mitocondriale e microsatelliti"

Supervisor: Prof. Paolo Galeotti (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

6. 2016/17 – Daniele Delle Monache

"Approccio molecolare ed ecologico per la caratterizzazione di popolazioni alpine di tritone alpino *Ichtyosaura alpestris*"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

7. 2011/12 – Mattia Resteghini

"Caratterizzazione genetica di popolazioni invasive di rana balcanica (*Pelophylax kurtmuelleri*) nel Nord Italia"

Supervisor: Prof. Dr. Maurizio Casiraghi (A. Bellati: co-supervisor)

Dept. Biotechnologies and Biosciences, University of Milano-Bicocca

8. 201/11 – Michele Ghitti

"Relazione tra strategie riproduttive e morfi di colore in *Podarcis muralis*"

Supervisor: Prof. Giuseppe Bogliani (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

PhD students

1. 2017/19 – Alice Chiodi

"Effetti dell'esposizione a inquinanti agricoli in ibridi di rana verde (gen. *Pelophylax*)"

Supervisor: Prof. Mauro Fasola (A. Bellati: co-supervisor)

Dept. Earth and Environmental Sciences, University of Pavia

Foreign internships

1. 2017/18 – Giacomo Bruni

Faculty of Science and Bio-Engineering, Vrije Universiteit Brussel, Brussel, Belgium

"First detection and molecular characterization of allochthonous water frogs (genus *Pelophylax*) in Tuscany, central Italy"

Supervisor: Prof. Dr. Franky Bossuyt

Dept. Earth and Environmental Sciences, University of Pavia

ABSTRACTS OF SCIENTIFIC CONGRESSES

(* = speaker)

40. **Bellati A.***, Mirabella I., Bassu S., Delaugerre M., Nulchis V., Cossu I.M., Frau S., & C. Corti: Molecular re-evaluation of the taxonomic status of some insular populations of *Pelophylax bergeri* (Anura: Ranidae) in the Western Mediterranean. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

39. Bruni G., Mirabella I., Domeneghetti D., Fasola M., & **A. Bellati**: First molecular characterization of alien cryptic *Pelophylax* spp. from the Cecina basin (Pisa and Siena, Tuscany, central Italy), with evidence of hybridization with native taxa. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

38. Seghizzi S., Pellitteri-Rosa D., Bernini G., Razzetti E., Bolis A., La Russa L., Fasola M., & **A. Bellati**: Molecular ecology of native and alien *Pelophylax* species in northern Italy. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

37. Bolis A., Seghizzi S., Bonfanti P., Colombo A., & **A. Bellati**: Toxicity of a glyphosate-based herbicide during the early development of *Pelophylax ridibundus* (the Marsh frog) tadpoles. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

36. Corona S., Bolis A., Colombo A., Bonfanti P., & **A. Bellati**: Hybridization between water frogs (gen. *Pelophylax*) and effect on hybrid survival. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

35. Delle Monache D., Pellitteri-Rosa D., Donelli O., Fasola M., Rossi R., Sindaco R., Pedrotti L., & **A. Bellati**: Studio integrato della genetica del paesaggio e di popolazione del tritone alpestre *Ichthyosaura alpestris* (Caudata: Salamandridae) nel Parco Nazionale dello Stelvio. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

34. Pellitteri-Rosa D., Bernini G., Delle Monache D., Tescari M.L., **Bellati A.**, & P. Galeotti: Struttura genetica ed ecologia di popolazioni lombarde di *Rana dalmatina*. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

33. Raffa C., Delle Monache D., La Russa L., Bolis A., Colombo A., Bonfanti P., & **A. Bellati**: Hybridization between native and alien species of water frogs (gen. *Pelophylax*) and effects on tadpole development. XII Congress of the Societas Herpetologica Italica, Rende, Cosenza (Italy), 1-5/10/2018.

32. Andrade P., Pinho C., Afonso S., Pérez i de Lanuza G., **Bellati A.**, Pellitteri-Rosa D., Bosakova Z., Brejcha J., Carretero M.A., Feiner N., Marsik P., Paupério F., Rubín C.-J., Sabatino S., Salvi D., While G.M.,

Uller T., Font E., Andersson L., & M. Carneiro: Regulatory variation in pigmentation loci underlies balanced polymorphism in the wall lizard. II Joint conference on Evolutionary Biology 2018, Montpellier (France), 19-22/8/2018.

31. Andrade P., Pinho C., Afonso S., Pérez i de Lanuza G., **Bellati A.**, Pellitteri-Rosa D., Bosakova Z., Brejcha J., Carretero M.A., Feiner N., Marsik P., Paupério F., Salvi D., Uller T., While G.M., Font E., Andersson L., & M. Carneiro: Pleiotropy of pigmentation genes explains phenotypic differences among sympatric color morphs in a lizard. XVI Meeting of the European Society of Evolutionary Biology, Groningen (The Netherlands), 20-25/8/2017.

30. Chiodi A., Razzetti E., Delle Monache D., Fasola M., & **A. Bellati**: Molecular detection of cryptic alien hybridization in wild populations of water frogs (*Pelophylax* spp.) in northern Italy, and their effects on population structure and reproduction. XIX Congress of the Societas Herpetologica Europaea, Salzburg (Austria), 18-23/9/2017.

29. **Bellati A.***, Chiodi A., Bassu L., Nulchis V., Fasola M., & C. Corti: Molecular detection of cryptic lineages of *Pelophylax* spp. in Sardinia. XIX Congress of the Societas Herpetologica Europaea, Salzburg (Austria), 18-23/9/2017.

28. Chiodi A., **Bellati A.**, Bernini G., Colombo A., Bonfanti P., Raimondi E., Crottini A., & M. Fasola: Molecular detection of hybridogenetic pattern in the *Pelophylax esculentus* complex in Italy. IX Congress of the Italian Society of Evolutionary Biology, Roma (Italy), 28-30/7/2017.

27. Dufresne F., **Bellati A.**, & R. Tiberti: No sex for *Daphnia* in the Italian Alps...International Meeting on the Conservation of High Mountain Lakes, Gran Paradiso National Park, 6-8/6/2017.

26. **Bellati A.***, Scherz M.D., Rosa G.M., Glaw F., & A. Crottini: Discovery of a new species of *Plethodontohyla* helps clarify the taxonomy of the subfamily Cophylinae (Anura: Microhylida). TiBE 2016 congress on Tropical Biodiversity, Porto (Portugal), 28-29/11/2016.

25. **Bellati A.***, Pabijan M., Angelini C., Miralles A., Crochet P.-A., Manenti R., Andreone F., Eusebio Bergò P., Geniez P., Sacchi R., Ursenbacher S., & A. Crottini: Phylogeographic analysis of the Italian Slow Worm, *Anguis veronensis* Pollini, 1818, reveals a pattern of refugia within refugia, and helps characterize contact zones with the congeneric *A. fragilis*. XI Congress of the Societas Herpetologica Italica, Trento (Italy), 21-25/9/2016.

24. Pellitteri-Rosa D., Sindaco R., Rossi R., Donelli O., Delle Monache D., **Bellati A.**, & L. Pedrotti: L'utilizzo dei rifugi artificiali come valido metodo per monitorare l'erpetofauna alpina: il caso del Parco Nazionale dello Stelvio. XI Congress of the Societas Herpetologica Italica, Trento (Italy), 21-25/9/2016.

23. **Bellati A.***, Pellitteri-Rosa D., Cocca W., Crottini A., & M. Fasola: First evidences of complex phylogeographic history of Italian populations of the Moorish gecko *Tarentola mauritanica* (Linnaeus, 1758) revealed by fine-scale molecular markers. X Congress of the Societas Herpetologica Italica, Genova (Italy), 15-18/10/2014.

22. Cocca W., **Bellati A.**, Pellitteri-Rosa D., Dall'Asta A., & M. Fasola: A multilocus approach to identify the source of introduced populations. The case of the Moorish gecko *Tarentola mauritanica* in northern Italy. X Congress of the Societas Herpetologica Italica, Genova (Italy), 15-18/10/2014.

21. Pérez i de Lanuza G., **Bellati A.**, Pellitteri-Rosa D., Fasola M., & M.A. Carretero: Subtle spectral differences between polychromatic Iberian and Italian populations of *Podarcis muralis*. XIII Iberian Congress of Herpetology, Aveiro (Portugal), 30/9-4/10-2014.
20. Bernini G., **Bellati A.**, Pellegrino I., Negri A., & P. Galeotti: A molecular approach to conservational issues: the case of *Austropotamobius italicus* (Crustacea: Decapoda) in Northern Italy. V Congress of the Italian Society of Evolutionary Biology, Trento (Italy), 28-31/08/2013.
19. **Bellati A.***, Pellitteri-Rosa D., Cocca W., Sacchi R., Casiraghi M., Fasola M., & P. Galeotti: Molecular evidence of genetic differentiation among sympatric colour morphs of the common wall lizard (*Podarcis muralis*). VIII International Symposium on the Lacertids of the Mediterranean basin, Koper (Slovenia), 3-6/6/2013.
18. **Bellati A.***, Carranza S., Fasola M., Grieco C., & R. Sindaco: First molecular characterization of the genus *Anatololacerta* and validation of morphological subspecies with mitochondrial markers. VIII International Symposium on the Lacertids of the Mediterranean basin, Koper (Slovenia), 3-6/6/2013.
17. Pellitteri-Rosa D., Martín J., López P., **Bellati A.**, Sacchi R., Fasola M., & P. Galeotti: Comparison of femoral gland secretion's chemical composition between male colour morphs in common wall lizard (*Podarcis muralis*). VIII International Symposium on the Lacertids of the Mediterranean basin, Koper (Slovenia), 3-6/6/2013.
16. Sacchi R., Mangiacotti M., Scali S., Sannolo M., Pellitteri-Rosa D., **Bellati A.**, Galeotti P., Fasola M., & M.A.L. Zuffi: Condition dependent sexual dimorphism in the common wall lizard: a geometric morphometric study in the Tuscan Archipelago. VIII International Symposium on the Lacertids of the Mediterranean basin, Koper (Slovenia), 3-6/6/2013.
15. **Bellati A.***, Razzetti E., Resteghini M., Sacchi R., Pellitteri Rosa D., Casiraghi M., Bernini F., Galeotti P., & M. Fasola: First molecular characterization of invasive alien populations of *Pelophylax kurtmuelleri* (Gayda, 1940) and new records from Italy. IX Congress of the Societas Herpetologica Italica. Bari (Italy), 26-30/11/2012.
14. Sacchi R., Scali S., Pellitteri-Rosa D., **Bellati A.**, Ghitti M., Cocca W., Gentilli A., Pupin F., Rubolini D., Di Paoli A., Mangiacotti M., Capelli A., Maiocchi V., Caviglioli L., Tettamanti S., Galeotti P., & M. Fasola: Colour polymorphism in Common wall lizards (*Podarcis muralis*): causes and consequences. IX Congress of the Societas Herpetologica Italica, Bari (Italy), 26-30/9/2012.
13. **Bellati A.***, Pellitteri-Rosa D., Sacchi R., Nistri A., Galimberti A., Casiraghi M., Fasola M., & P. Galeotti: Variabilità morfologica e divergenza molecolare: uno studio sulle sottospecie di *Podarcis muralis* (Laurenti, 1768) dell'Arcipelago toscano. LXXII Congress of the Unione Zoologica Italiana, Bologna (Italy), 5-8/09/2011.
12. **Bellati A.***, Sticco M., Galimberti A., Sandionigi A., Scali S., & M. Casiraghi: Prima caratterizzazione molecolare del complesso *Natrix natrix*. LXXII Congresso Nazionale dell'Unione Zoologica Italiana, Bologna (Italy), 5-8/09/2011.
11. Tiberti R., **Bellati A.**, Cocca W., Galimberti A. Approccio integrato per la caratterizzazione di

popolazioni alpine di *Daphnia*. LXXII Congresso Nazionale dell'Unione Zoologica Italiana, Bologna (Italy), 5-8/09/2011.

10. Pellitteri-Rosa D., Cavagnini F., **Bellati A.**, & E. Razzetti: Land register of ponds and pools for the protection of amphibians in Oltrepò Pavese (Northern Italy). VIII Congress of the Societas Herpetologica Italica, Chieti, 22-26/09/ 2010. 9.

9. **Bellati A.***, Pellitteri-Rosa D., Sacchi R., Galimberti A., Casiraghi M., Nistri A., Fasola M., & P. Galeotti: Mitochondrial analysis of polymorphic insular populations of *Podarcis muralis* (Laurenti, 1768) from the Tuscan Archipelago (Italy), ascribed to different morphological subspecies. VII International Symposium on the Lacertids of the Mediterranean Basin, Palma de Maiorca (Spain), 6-9/09/2010.

8. Pellitteri-Rosa D., Sacchi R., Di Paoli A., Ghitti M., **Bellati A.**, Fasola M., & P. Galeotti: Analysis of colour morphs variation in *Podarcis muralis* by using RGB scale. VII International Symposium on the Lacertids of the Mediterranean Basin, Palma de Maiorca (Spain), 6-9/09/2010.

7. **Bellati A.***, Pellitteri-Rosa D., Sacchi R., Galimberti A., Casiraghi M., Nistri A., Fasola M., & P. Galeotti: Comparing morphological variability and molecular divergence: a preliminary study in *Podarcis muralis* (Laurenti, 1768) from the Tuscan Archipelago (Italy). IV Congress of the Italian Society of Evolutionary Biology, Milano (Italy), 2-4/09/2010.

6. Galimberti A., Crottini A., Boto A., Serra L., Barbuto M., **Bellati A.**, Baccei S.G., & M. Casiraghi: Molecular tools help resolving a taxonomic enigma: the case of *Paradoxornis webbianus* and *Paradoxornis alphonisianus* (Aves: Paradoxornithidae). IV Congress of the Italian Society of Evolutionary Biology, Milano (Italy), 2-4/09/2010.

5. Galimberti A., Romano D., Genchi M., Paoloni D., Vercillo F., Bizzarri L., Barbuto M., Ferri E., **Bellati A.**, Ragni B., & M. Casiraghi: DNA barcoding discriminates between potentially cryptic species related to *Taenia taeniaeformis* harbored by italian wild and domestic cats. II Conference of the European Consortium for the Barcode of Life (ECBOL2), Braga (Portugal), 2-4/06/2010.

4. Barbuto M., Montesanto G., Alfano N., Galimberti A., **Bellati A.***, Caruso D., Lombard B., & M. Casiraghi: Integrated approach for the identification of oniscidea isopods. II Conference of the European Consortium for the Barcode of Life (ECBOL2), Braga (Portugal), 2-4/06/2010.

3. Barbuto M., **Bellati A.**, Bruni I., Casiraghi M., Cozzolino S., Cristofolini G., Crottini A., De Mattia F., Ferri E., Frati F., Galimberti A., Labra M., Mantovani L., Minelli A., Moretti C., Musacchio A., & D. Stracka: Il network nazionale di Biosistemica - www.biosistemica.unimib.it. LXIX Congress of the Unione Zoologica Italiana, Senigallia, Ancona, 22-25/09/2008.

2. Casagrande S., **Bellati A.***, La Fata I., & J. Tagliavini: Differenziamento genetico e fenologia riproduttiva in una popolazione di gheppio *Falco tinnunculus*. LXIX Congress of the Unione Zoologica Italiana, Senigallia, Ancona, 22-25/09/2008.

1. Mantovani L., **Bellati A.**, Galimberti A., & M. Casiraghi: Il DNA Barcoding e l'identificazione di insetti (Diptera) rilevanti in ambito forense nel Nord Italia (Milano). LXIX Congress of the Unione Zoologica Italiana, Senigallia, Ancona (Italy) 22-25/09/2008.

SCIENTIFIC PRODUCTION

Full papers published on international indexed journal (ISI)

(* = corresponding author)

26. Andrade P-, Pinho C., Pérez i de Lanuza G., Afonso S., Brejcha J., Rubin C-J., Wallerman O., Pereira P., Sabatino S.J., **Bellati A.**, Pellitteri-Rosa D., Bosakova Z., Bunikis I., Carretero M.A., Feiner N., Marsik P., Paupério F., Salvi D., Soler L., While G.M., Uller T., Font E., Andersson L., Carneiro M. (in press) Regulatory changes in pterin and carotenoid genes underlie balanced color polymorphisms in the wall lizard. *Proceedings of the National Academy of Sciences*.
25. Pérez i de Lanuza G., **Bellati A.**, Pellitteri-Rosa D., Font E., & M.A. Carretero (in press) Colour variation between different lineages of a colour polymorphic lizard. *Journal of Zoology*.
24. **Bellati A.***, Bassu L., Nulchis V., & C. Corti (in press) Detection of alien *Pelophylax* species in Sardinia (western Mediterranean, Italy). *BioInvasions Records*.
23. Bolis A., Pellitteri-Rosa D., & **A. Bellati*** (in press) Cross-specific mortality and differential occurrence of aberrant phenotypes in tadpoles according to *P. kl. esculentus* hemiclones' assortment. *Salamandra*.
22. Cossu I.M., Frau S., Delfino M., Chiodi A., Corti C., & **A. Bellati** (2018) First report of *Bufo bufo* (Linnaeus, 1758) from Sardinia (Italy). *Acta Herpetologica* (accepted). doi: 10.13128/Acta_Herpetol-21867
21. **Bellati A.**, Scherz M.D., Megson S., Hyde Roberts S., Andreone F., Rosa G.M., Noël J., Randrianirina J.E., Fasola M., Glaw F. & A. Crottini (2018) Resurrection and re-description of *Plethodontohyla laevis* (Boettger, 1913) and transfer of *Rhombophryne alluaudi* (Mocquard, 1901) to the genus *Plethodontohyla* (Microhylidae, Cophylinae). *Zoosystematics and Evolution*, 94(1): 109-135. doi: 10.3897/zse.94.14698
20. Penny S., Crottini A., Andreone F., **Bellati A.**, Rakotozafy L.M.S., Holderied M.W., Schwitzer C. & G.M. Rosa (2017) Combining old and new evidence to increase the known biodiversity value of the Sahamalaza Peninsula, Northwest Madagascar. *Contributions to Zoology*, 86(4): 273-296. doi: <http://www.ctoz.nl/vol86/nr04/a02>;
19. Chiozzi G., Stiassny M.L.J., Alter E., De Marchi G., Mebrahtu Y., Tessema M., Asmamaw B., Fasola M. & **A. Bellati** (2017) Fishes in the desert: mitochondrial variation and phylogeography of *Danakilia* (Actinopterygii: Cichlidae) and *Aphanius* (Actinopterygii: Cyprinodontidae) in the Danakil Depression of northeastern Africa. *Mitochondrial DNA Part A, DNA Mapping, Sequencing, and Analysis*, 22: 1-16. doi: <https://doi.org/10.1080/24701394.2017.1404043>.
18. Pellitteri-Rosa D., **Bellati A. (first co-authorship)**, Cocca W., Gazzola A. & M. Fasola (2017) Urbanization affects refuge use and habituation to predators in a polymorphic lizard. *Animal Behaviour*, 123(1): 359-367. <https://doi.org/10.1016/j.anbehav.2016.11.016>
17. Bernini G., **Bellati A.**, Pellegrino I., Negri A., Ghia D., Fea G., Sacchi R., Nardi P.A., Mauro F. & P. Galeotti (2016) Complexity of biogeographic pattern in the endangered crayfish *Austropotamobius italicus* in northern Italy: molecular insights of conservation concern. *Conservation Genetics*, 17(1):

141-154. doi: 10.1007/s10592-015-0767-4

16. Galimberti A., Sandionigi A., Bruno A., **Bellati A.** & M. Casiraghi (2015) DNA barcoding in mammals: what's new and where next?. *Hystrix*, 26(1): 13-24. doi: <http://dx.doi.org/10.4404/hystrix-26.1-11347>

15. Pellitteri-Rosa D., Liuzzi C. & **A. Bellati** (2015) First report of adult *Podarcis siculus* (Rafinesque-Schmaltz, 1810) predation by *Tarentola mauritanica* (Linnaeus, 1758). *Herpetozoa*, 28(1-2): 89-92.

14. Sacchi R., Mangiacotti M., Scali S., Sannolo M., Zuffi M.A.L., Pellitteri-Rosa D., **Bellati A.**, Galeotti P. & M. Fasola (2015) Context-dependent expression of sexual dimorphism in common wall lizards (*Podarcis muralis*). A test with island populations. *Biological Journal of the Linnean Society*, 114(3): 552-565. doi: 10.1111/bij.12450

13. **Bellati A.***, Carranza S., Garcia-Porta J., Fasola M. & R. Sindaco (2015) Cryptic diversity within the *Anatololacerta* species complex (Squamata: Lacertidae) in the Anatolian Peninsula: evidence from a multi-locus approach. *Molecular Phylogenetics and Evolution*, 82(Part A): 219-233. doi: <http://dx.doi.org/10.1016/j.ympev.2014.10.003>

12. **Bellati A.***, Tiberti R., Cocca W., Galimberti A., Casiraghi M., Bogliani G. & P. Galeotti (2014) A dark shell hiding large variability: a molecular insight into the evolution and conservation of melanic *Daphnia* populations in the Alps. *Zoological Journal of the Linnean Society*, 171(4): 697-715. doi: 10.1111/zoj.12151

11. Pellitteri-Rosa D., Martín J., López P., **Bellati A.**, Sacchi R., Fasola M. & P. Galeotti (2014) Chemical polymorphism in male femoral gland secretions matches polymorphic coloration in Common wall lizards (*Podarcis muralis*). *Chemoecology*, 24(2): 67-78. doi: 10.1007/s00049-014-0148-3

10. Domeneghetti D., Bruni G., Fasola M. & **A. Bellati** (2013) Discovery of alien water frogs (gen. *Pelophylax*) in Umbria, with first report of *P. shqipericus* for Italy. *Acta Herpetologica*, 8(2): 171-176. doi: http://dx.doi.org/10.13128/Acta_Herpetol-13338

9. Gvoždík V., Benkovský N., Crottini A., **Bellati A.**, Moravec J., Romano A., Sacchi R. & D. Jandzik (2013) An ancient lineage of slow worms, genus *Anguis* (Squamata: Anguinae), survived in the Italian Peninsula. *Molecular Phylogenetics and Evolution*, 69(3): 1077-1092. doi:10.1016/j.ympev.2013.05.004

8. Galeotti P., Sacchi R., Pellitteri-Rosa D., **Bellati A.**, Cocca W., Gentili A., Scali S. & M. Fasola (2013) Colour polymorphism and alternative breeding strategies: effects of parent's colour morph on fitness traits in the common wall lizard. *Evolutionary Biology*, 40(3): 385-394. doi: 10.1007/s11692-012-9222-3

7. Sacchi R., Pellitteri-Rosa D., **Bellati A.**, Di Paoli A., Ghitti M., Scali S., Galeotti P. & M. Fasola (2013) Colour variation in the polymorphic common wall lizard (*Podarcis muralis*): an analysis using the RGB colour system. *Zoologischer Anzeiger*, 252(4): 431-439. doi:10.1016/j.jcz.2013.03.001

6. Brusa O., **Bellati A.**, Meuche I., Mundy N.I. & H. Pröhl (2013) Divergent evolution in the polymorphic granular poison-dart frog, *Oophaga granulifera*: genetics, colouration, advertisement calls and morphology. *Journal of Biogeography*, 40(2): 394-408. doi:10.1111/j.1365-2699.2012.02786.x5.

5. Sacchi R., Pellitteri-Rosa D., Capelli A., Ghitti M., Di Paoli A., **Bellati A.**, Scali S., Galeotti P. & M. Fasola

(2012) Studying the reproductive biology of the common wall lizard using ultrasonography. *Journal of Zoology*, 287(4): 301-310. doi:10.1111/j.1469-7998.2012.00917.x

4. Pellitteri-Rosa D., Sacchi R., Pupin F., **Bellati A.**, Cocca W., Gentili A., Galeotti P. & M. Fasola (2012) Testing the ability to store sperm: an experimental manipulation of mating opportunities in the common wall lizard, *Podarcis muralis*. *Acta Herpetologica*, 7(1): 111-118. doi: http://dx.doi.org/10.13128/Acta_Herpetol-9890

3. Sacchi R., Pellitteri-Rosa D., **Bellati A.**, Scali S., Tronconi D., Galeotti P. & M. Fasola (2012) Biological correlates of two dorsal pattern types in the Common Wall Lizard, *Podarcis muralis* (Laurenti, 1768). *Herpetozoa*, 25(1-2): 3-11.

2. De Marchi G., Fasola M., Chiozzi G., **Bellati A.** & P. Galeotti (2012) Sex discrimination of crab plovers (*Dromas ardeola*) by discriminant function analysis of morphometric traits. *Waterbirds*. doi: 35(2): 332-337. <http://dx.doi.org/10.1675/063.035.0214>

1. **Bellati A.***, Pellitteri-Rosa D., Sacchi R., Nistri A., Galimberti A., Casiraghi M., Fasola M. & P. Galeotti (2011) Molecular survey of morphological subspecies reveals new mitochondrial lineages in *Podarcis muralis* (Squamata: Lacertidae) from the Tuscan Archipelago (Italy). *Journal of Zoological Systematics and Evolutionary Research*, 49(3): 240-250. doi: 10.1111/j.1439-0469.2011.00619.x

Full papers published on not indexed journals

2. Doria G., Petri M., **Bellati A.**, Tiso M. & E. Pistarino (2013) *Rhabdophis* in the Museum of Genova with description and molecular analysis of a new species from Sumatra (Reptilia, Serpentes, Colubridae, Natricinae). *Annali del Museo Civico di Storia Naturale di Genova*, 105: 139-153.

1. **Bellati A.** (2011) Genetic survey of polymorphic populations of *Podarcis muralis* (Sauria: Lacertidae) using molecular markers. *Scientifica Acta*, 5: 46-54.

Book Chapters

3. **Bellati A.**, Razzetti E. (2016) *Pelophylax lessonae* (Camerano, 1882) (Rana di Lessona); *P. kl. esculentus* (Linnaeus, 1758) (Rana esculenta). In: Stoch F., Genovesi P. (ed.), Manuali per il monitoraggio di specie e habitat di interesse comunitario (Direttiva 92/43/CEE) in Italia: specie animali. ISPRA, Serie Manuali e linee guida, 141/2016, p- 238-239.

2. **Bellati A.**, Razzetti E. (2016) *Pelophylax ridibundus* (Pallas, 1771) (Rana ridibonda). In: Stoch F., Genovesi P. (ed.), Manuali per il monitoraggio di specie e habitat di interesse comunitario (Direttiva 92/43/CEE) in Italia: specie animali. ISPRA, Serie Manuali e linee guida, 141/2016, p. 240-241.

1. Bernardi M., **Bellati A.**, Menegon M. (2015) *La specie tra evoluzione e conservazione*. In: Minelli A. (ed.), *Descrivere e Interpretare il Vivente*. pp.49-90, Armando Editore, Roma.

DIVULGATION

Invited seminars

7. Invited seminar for the course "Biologia delle Popolazioni e Comunità" (MSc in Biology): *Popolazioni, molecole e biodiversità*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2018/2019
6. Invited seminar for the course "Gestione e Conservazione della Fauna" (MSc in Natural Sciences): *Gestione e Conservazione di anfibi e rettili*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2017/2018
5. Invited seminar for the course "Fauna Regionale" (BSc in Natural Sciences): *Molecole e biodiversità: un approccio filogeografico*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2017/2018
4. Invited seminar for the course "Biologia delle Popolazioni e Comunità" (MSc in Biology): *Genetica di Popolazione: principi e applicazioni*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2017/2018
3. Invited seminar for the course "Ecologia" (Bsc in Biology): *Polimorfismo cromatico, Evoluzione e Strategie alternative*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2014/2015
2. Invited seminar for the course "Evoluzione Biologica" (MSc in Biology): *Phylogeography and Reptiles: insight into speciation and biodiversity*.
Dept. Biotechnologies and Biosciences, University of Milano-Bicocca.
AA 2011/2012
1. Invited seminar for the course "Ecologia del comportamento" (MSc in Biology): *Color polymorphism, genes and alternative strategies*.
Dept. Earth and Environmental Sciences, University of Pavia.
AA 2010/2011

Oral communications by invitation

10. "Invasioni criptiche e minacce alla conservazione del complesso delle rane verdi: evidenze genetiche" at Corte di Giarola, Parco Fluviale Regionale del Fiume Taro, Collecchio, Parma, Italy.
22/4/2016
9. "Il commercio incontrollato di anfibi in Italia: invasioni criptiche e minacce alla conservazione del complesso delle rane verdi (gen. *Pelophylax*)" at Workshop HerpeThon2015 "Allevamento e commercio di anfibi e rettili: fra rischi e opportunità di conservazione", Department of Neurosciences, University of Torino, Torino, Italy.
18/9/2015
8. "Il complesso delle rane verdi (gen. *Pelophylax*): evoluzione, biodiversità e attuali minacce alla sua conservazione in Italia e in Europa" at Meeting GPSO (Gruppo Piemontese Studi Ornitologici), Sede del Parco del Po torinese Cascina Le Vallere, Moncalieri, Torino, Italy.
22/11/2014

7. "Colour polymorphism, Evolution and Alternative Strategies" at Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy.
18/11/2014

6. "Multi-locus innovative approaches for resolving phylogenies: the case of the *Anatololacerta* species complex (Squamata: Lacertidae)" at XXXIII Congress of the Willi Henning Society, Museo delle Scienze di Trento, Trento, Italy.
7/7/ 2014

5. "Genetica delle specie aliene: il caso delle rane verdi in Italia" at Museo Tridentino di Storia Naturale, Trieste, Italy.
7/6/ 2013

4. "Colour polymorphism, alternative breeding strategies and assortative mating in common wall lizard (*Podarcis muralis*): effects on fitness traits and genetic divergence among morphs" at Evolutionary Symposium of the Italian Society of Evolutionary Biology, Ferrara, Italy.
15/12/2012

3. "Genetica non invasiva: un aiuto concreto per la conservazione dell'orso bruno europeo (*Ursus arctos*)" at Foresteria della Riserva di Naturale Giovetto di Paline, Brescia, Italy.
25/10/2011

2. "Phylogeography and Reptiles: insight into speciation and biodiversity" at Department of Biotechnology and Biosciences, University of Milano-Bicocca, Milano, Italy.
23/3/ 2011

1. "Color polymorphism, genes and alternative strategies" at Department of Earth and Environmental Sciences, University of Pavia, Pavia, Italy.
6/12/ 2010

Interviews

2. "L'invasione delle rane dei Balcani" at **Geo&Geo**, Roma (Italy).
14/6/2018

1. "Perché le rane verdi rischiano l'estinzione?" at **Telepavia**, Pavia (Italy).
7/7/2014

GRANTS AND AWARDS

Since 2008: Expert in "Evolutionary Biology" and "Systematic Zoology".

LANGUAGE SKILLS

Italian (native) - English (advanced) - Portuguese (basic) – Spanish (basic)