



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 5708

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia - Centro di Studi Applicati per la Gestione Sostenibile e la Difesa della Montagna - Sede di Edolo (BS)**

Scientist- in - charge: **Prof.ssa Annamaria Giorgi**

ALBERTO MARIA CATTANEO

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	CATTANEO
Name	ALBERTO MARIA

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree (Laurea Triennale)	Plant Biotechnologies	UNIVERSITA' DEGLI STUDI DI MILANO	2008
Specialization (Laurea Magistrale)	Plant, Food, Agroenvironmental Biotechnologies	UNIVERSITA' DEGLI STUDI DI MILANO	2010
PhD	Molecular Biology	UNIVERSITA' DEGLI STUDI DI MILANO	2015
Other	Professional qualification in Biology	UNIVERSITA' DEGLI STUDI DI PARMA	2017

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date	of	Association	City



registration		

FOREIGN LANGUAGES

Languages	level of knowledge
ITALIAN	MOTHER TONGUE
WESTERN LOMBARD	MOTHER TONGUE
ENGLISH	FLUENT
FRENCH	FLUENT
GERMAN	GOOD
SPANISH	GOOD

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2023	Lars Hiertas Minne Stiftelsen - 2711 EUR
2022	Gösta och Anna-Birgit Henrikssons fond - 1084 EUR
2020	Martha and Dagny Larssons fond: 5540 EUR
2018	Lars Hiertas Minne Stiftelsen: 1955 EUR
2018	Martha and Dagny Larssons fond: 4368 EUR
2016	XXXI Premio Giovanni Binaghi, Società Entomologica Italiana: 500 EUR (Certificate attached)
2014	European Chemoreception Research Organization+ACChemS travel award: 1000 EUR
2012	European Chemoreception Research Organization Polak Award: 500 EUR
2010	LLP/ERASMUS Student Placement, Master thesis BOKU-Vienna (AU): 3600 EUR
2008	LLP/ERASMUS, Bachelor thesis University of Warwick (UK): 1200 EUR
2006	University of Milan - Borsa di Studio Primi anni di Università: 4100 EUR
2005	Comune di Cornaredo - Borsa di studio: 200 EUR

TRAINING OR RESEARCH ACTIVITY

Pedagogic course, Swedish University of Agricultural Sciences (SLU): Course in Grading and Assessment (3 days)
Pedagogic course (SLU): Course in doctoral supervision (3 weeks)
Pedagogic course (SLU): Educating for critical thinking and criticality (2 weeks)
Pedagogic course (SLU): Teaching in Higher Education, basic course (3 weeks)
Pedagogic course (SLU): Applied Active E-learning (2 weeks)
Top-bar beekeeping - Fondazione Edmund Mach
Linux Basics/Advanced/Python classes- Fondazione Edmund Mach
Frontiers in Chemical Ecology - Max Planck Institute for Chemical Ecology (Germany)



PROJECT ACTIVITY

Year	Project
2019-2022	FORMAS Swedish Research Council - post doctoral research. Swedish University of Agricultural Sciences, SLU-Alnarp (Sweden) and University of Lausanne (Switzerland) Project title: Control of fruit pests by targeting larval chemical sensing Project number: 2018-00891 (Assessment certificate attached)
2018-2019	Postdoctoral research, Craaford foundation grant, SLU-Alnarp (Sweden) Project title: Control of apple pest insects with fruit and yeast odorants
2015-2016	Research fellowship, University of Cagliari and Fondazione Edmund Mach (Italy) Project title: Identification of gustatory receptors in Lepidoptera: the Sardinian-Corsican species <i>Papilio hospiton</i> Holarctic congeneric <i>Papilio Machaon</i>
2011-2015	PhD Fellowship, Genomics and Molecular Physiology of Fruits (GMPF); PhD school: Chemistry, Biochemistry and Ecology of Pesticides (Molecular Biology, SSD - BIO/11)

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
2022	Presentation: "Candidate pheromone receptors of the codling moth and the apple clearwing moth binding kairomones"	Pherodays - annual meeting shared among the divisions of Chemical Ecology of SLU-Alnarp and Lund University, Ängavallen (Sweden)
2022	Symposium organization, chairing, plenary lecturing and general discussion at the end of the Symposium. Title of the Symposium: "Codling moth - chemical and molecular ecology meets population genetics"; Lecture title: "Functional characterization of codling moth chemoreceptors".	XXVI International Congress of Entomology (ICE2022), Helsinki July 17-22 (ICE 2022 certificate attached)
2022	Symposium presentation in substitution of the organizers, chairing and presenting. Title of the Symposium: "Evolution of Chemosensory Receptors in Diptera - Phylogenetic and Structure/Function Relationships"; Lecture title: "Functional characterization of <i>Drosophila suzukii</i> OR69a transcript variants unveiled response to kairomones and to a candidate pheromone"	XXVI International Congress of Entomology (ICE2022), Helsinki July 17-22
2022	Presentation: "Heterologous expression and functional characterization of <i>Drosophila suzukii</i> OR69a transcript variants unveiled response to kairomones and to a candidate pheromone".	XVII European Symposium of Insect Taste and Olfaction (ESITO) 2022 - Bäckaskog Castle, Sweden May 15th - 20th 2022.
2019	Presentation: "Functional properties of the	XVI European Symposium of Insect Taste and



	codling moth Orco and a mutagenized conserved residue in the ICL-3, testing agonist sensitivity at physiologic and acidic pH conditions”.	Olfaction (ESITO) 2019, 15-20 September 2019, Villasimius (Italy)
2019	Presentation: “Functional properties of the codling moth Orco and a mutagenized conserved residue in the ICL-3, testing agonist sensitivity at physiologic and acidic pH conditions”.	Pherodays: annual meeting shared among the divisions of Chemical Ecology of SLU-Alnarp and Lund University, 26-27 September 2019, Sjöbo (Sweden).
2019	Poster: Cattaneo, A.M., Bobkov, Y.V., Gonzalez, F., Garczynski, S.F., Witzgall, P. and Walker, W.B. Chemosensory receptors of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae).	Annual meeting, Association for chemoreception sciences (AChemS) 14-17 April 2019, Bonita Springs - Florida.
2018	Presentation: “Evolution and functional characterization of Pheromone Receptors between two clades of Lepidoptera”.	Pherodays - annual meeting shared among the divisions of Chemical Ecology of SLU-Alnarp and Lund University, 25-26 October 2018.
2018	Cattaneo, A.M., Gonzalez, F., Bengtsson, J.M., Jacquín-Joly, E., Montagné, N., Walker III, W.B., Witzgall, P and Bobkov, Y.V. Candidate pheromone receptors of codling moth <i>Cydia pomonella</i> respond to pheromones and kairomones.	Annual meeting, European Chemoreception Research Organization (ECRO), 5-9 September 2018, Würzburg - Germany.
2017	Invited speaker: From electroantennography and behavior of Tortricids, to the functional characterization of their receptors,	Swedish University of Agricultural Sciences, Alnarp, Sweden - December 8 2017.
2016	Presentation: Alla scoperta dei meccanismi chemosensoriali dei Lepidotteri: dalle falene alle farfalle	XXV Congresso Nazionale Italiano di Entomologia, University of Padova, Padova, Italy - 20-24 June 2016.
2016	Invited speaker: Functional characterization of insect chemosensory receptors	Institute of Biomolecular Chemistry - National Research Council of Italy, Pozzuoli (NA) Italy, April 14 2016.
2015	Presentation: Unveiling sensory mechanisms for the control of two insect pests: from behavior to molecular interactions	PhD Dissertation, University of Milan, Milan, Italy - December 17 2015
2015	Poster: Cattaneo, A.M., Bobkov, Y.V., Bengtsson, J.M., Gonzalez, F., Montagné, N., Jacquín-Joly, E., Salvagnin, U., Rota Stabelli, O., Corey, E.A., Ache, B.W., Witzgall, P., Bassoli, A. and Anfora, G. Unveiling sensory mechanisms for the control of two insect pests: from behavior to molecular interactions.	FIRS>T Award ceremony - Research and innovation center, Fondazione Edmund Mach, San Michele all’Adige (TN) Italy - October 16 2015.
2015	Invited speaker: Functional characterization and deorphanization of Olfactory Receptors of the Codling Moth by heterologous expression in Human Embryonic Kidney cells	Internal symposium, Swedish University of Agricultural Sciences, Alnarp, Sweden - June 26 2015;
2015		Heterologous expression Workshop, Lund University, Lund, Sweden - June 25 2015.
2015	Presentation: Functional characterization of heterologously expressed Codling Moth Olfactory Receptors,	Biology at the Beach 2015 - Whitney Laboratory for Marine Bioscience, University of Florida, Saint Augustine FL, USA - May 16 2015.
2015	Cattaneo A.M., Bobkov Y., Corey E., Bengtsson J.M., Montagné N., Jacquín-Joly E., Ache B.W.,	Association for Chemoreception Sciences (AChemS), 22-25 April 2015, Bonita Springs -



	Bassoli A., Witzgall P. and Anfora G. Functional characterization of heterologously expressed Codling Moth Olfactory Receptors.	Florida.
2014	Cattaneo A.M., Bengtsson J.M., Jacquin-Joly E., Montagné N., Bassoli A., Witzgall P. and Anfora G. A transient receptor potential is expressed with multiple splicing isoforms in the Codling Moth <i>Cydia pomonella</i> .	Annual meeting, European Chemoreception Research Organization (ECRO) 10-13 September 2014, Dijon - France.
2014	Annual PhD-workshop presentation: TRP Channels in the Codling Moth <i>Cydia pomonella</i> ,	IX Workshop, Doctorate in Chemistry, Biochemistry and Ecology of Plant Protection Products and Xenobiotics, University of Milan, Milan, Italy - January 27-28 2014.
2013	Cattaneo A.M., Bassoli A., Bengtsson J.M., Borgonovo G. and Anfora G. Response of the tortricid pest <i>Lobesia botrana</i> to volatiles emitted by the non-host plant <i>Perilla frutescens</i> .	Annual meeting, European Chemoreception Research Organization (ECRO), 27-29 August 2013, Leuven - Belgium
2013	Presentation: Evolution of sensing: TRP channels in insects,	Prof. James A. Shapiro course and Lectio magistralis, Fondazione Edmund Mach, San Michele all'Adige, Italy - November 12-15 2013.
2013	Chairman and organizer: Future IPM in Europe	
2013	Cattaneo A.M., Bassoli A., Bengtsson J.M., Borgonovo G. and Anfora G. (2013) Sex-specific response of the tortricid pest <i>Lobesia botrana</i> to volatiles emitted by the Asian food-plant <i>Perilla frutescens</i>	19-21 March 2013, Riva del Garda (TN - Italy)
2013	Invited speaker: An overview of behavioural methods with insects,	Noldus users meeting, University of Verona, Verona, Italy - March 12 2013.
2013	Annual PhD-workshop presentation: Electrophysiological and behavioural response of the Grapevine Moth <i>Lobesia botrana</i> to odours of the non-host plant <i>Perilla frutescens</i> ,	VIII Workshop, Doctorate in Chemistry, Biochemistry and Ecology of Plant Protection Products and Xenobiotics, University of Milan, Milan, Italy - January 21 2013.
2012	Cattaneo A.M., Bassoli A., Bengtsson J.M., Borgonovo G. and Anfora G. Electrophysiological and behavioural responses of the Grapevine Moth <i>Lobesia botrana</i> to odours of the non-host plant <i>Perilla frutescens</i> .	Frontiers in Chemical Ecology, November 26 - December 7 2012, Jena - Germany.
2012	Cattaneo A.M., Grzeskowiak L, Colaiacovo M, Faccioli P Bioinformatic identification of a putative microRNA transcription factor network motif in the regulation of laccase genes in peach (<i>Prunus persica</i>).	Sixth Rosaceous Genomic Conference RGC 6, September 30 - October 4 2012, Mezzocorona (TN) - Italy.
2012	Cattaneo A.M., Bassoli A., Bengtsson JM, Borgonovo G, Anfora G (2012) Electrophysiological and behavioural response of the Grapevine Moth to odours of <i>Perilla frutescens</i> .	International Symposium of Olfaction and Taste (ISOT), 23-25 June 2012, Stockholm - Sweden.
2011	Colaiacovo M., Bernardo L., Cattaneo A.M., Centomani I., Crosatti C., Cattivelli L., Giusti	Joint Meeting AGI-SIBV-SIGA, 19-22 September 2011, Assisi (PG) - Italy.



L., Faccioli P. (2011) Analysis of gene regulatory networks in peach: the interplay between Transcription Factors and microRNAs.

PUBLICATIONS (see publication list file)

Books

Unveiling sensory mechanisms for the control of two insect pests: from behavior to molecular interactions. ISBN 9788892329430, IL MIO LIBRO (<https://ilmiolibro.kataweb.it/>) 2017

Articles in reviews

Jia, C., Mohamed, A., **Cattaneo, A.M.**, Huang, X., Keyhani, N.O., Gu, M., Zang, L-S., Zhang, W. (2023)# Odorant-binding proteins and chemosensory proteins in *Spodoptera frugiperda*: from genome-wide identification and developmental stage-related expression analysis to the perception of host plant odors, sex pheromones and insecticides. *MDPI-International Journal of Molecular Sciences - section: Molecular Biology*. <https://doi.org/10.3390/ijms24065595>

Cattaneo, A.M., Witzgall, P., Kwadha, C.A., Becher, P.G., Walker, W.B.III. (2022)# Heterologous expression and functional characterization of *Drosophila suzukii* OR69a transcript variants unveiled response to kairomones and to a candidate pheromone. *Journal of Pest Science*. <https://doi.org/10.1007/s10340-022-01585-2>

Walker, W.B.III, Mori, B.A., **Cattaneo, A.M.**, Gonzalez, F., Witzgall, P., Becher, P.G. (2022)# Comparative transcriptomic assessment of the chemosensory receptor repertoire of *Drosophila suzukii* adult and larval olfactory organs. *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics* 45 (2023) 101049. <https://doi.org/10.1016/j.cbd.2022.101049>

Mollo, E., Boero, F., Peñuelas, J., Fontana, A., Garson, M.J., Roussi, s V., Cerrano, C., Polese, G., **Cattaneo, A.M.**, Mudianta, W., Genta-Jouve, G., Tagliatela-Scafati, O., Appendino, G., Amodeo, P., Ghiseling, M.P. (2022)# Taste and Smell: a unifying chemosensory theory. *The Quarterly Review of Biology*, volume 97, number 2, June 2022. <https://doi.org/10.1086/720097>.

Cattaneo, A.M. (2022)# Reviewing findings on the polypeptide sequence of the Sars-CoV-2 S-protein to discuss the origins of the virus. *Future Virology* Vol. 17, N. 6. <https://doi.org/10.2217/fvl-2021-0233>.

Crava, M.C, Bobkov, Y.V., Sollai, G., Anfora, G., Crnjar, R.M. and **Cattaneo, A.M.** (2022)# Chemosensory receptors in the larval maxilla of *Papilio hospiton*. *Frontiers in Ecology and Evolution* 9:795994. doi: 10.3389/fevo.2021.795994

Bobkov, Y.V., Walker III, W.B. and **Cattaneo, A.M.** (2021)# Altered functional properties of the codling moth *Orco* mutagenized in the intracellular loop-3. *Scientific reports*, 11:3893, <https://doi.org/10.1038/s41598-021-83024-3>.

Garczynski, S., **Cattaneo, A.M.** and Walker III, W.B. (2019)# Alternative splicing of the *CpomOR53* gene produces three transcripts expressed in codling moth (*Lepidoptera: Tortricidae*) antennae. *Journal of Economic Entomology*, 112(2), 991-996, 1-6 doi: 10.1093/jee/toy370

Cattaneo, A.M. (2018)# Current status on the functional characterization of chemosensory receptors of *Cydia pomonella* (*Lepidoptera: Tortricidae*). *Frontiers in Behavioral Neuroscience*, August 2018, Volume 12, Article 189. doi: 10.3389/fnbeh.2018.00189.

Cattaneo, A.M., Gonzalez, F., Bengtsson, J.M., Corey, E.A., Jacquin-Joly, E., Montagné, N., Salvagnin, U., Walker III, W.B., Witzgall, P., Anfora, G. and Bobkov, Y.V. (2017a) Candidate pheromone receptors of codling moth *Cydia pomonella* respond to pheromones and kairomones. *Scientific Reports*, 7: 41105, doi:10.1038/srep41105.

Cattaneo, A.M., Bobkov, Y.V., Corey, E.A., Borgonovo, G. and Bassoli, A. (2017b)# Perilla derived compounds mediate human TRPA1 channel activity. *Medicinal & Aromatic Plants*, 6:1-1000283, doi:



10.4172/2167-0412.1000283.

Cattaneo, A.M., Bengtsson, J.M., Montagne, N., Jacquin-Joly, E., Rota-Stabelli, O., Salvagnin, U., Bassoli, A., Witzgall, P. and Anfora, G. (2016) TRPA5, an Ankyrin subfamily insect TRP channel, is expressed in antennae of *Cydia pomonella* (Lepidoptera: Tortricidae) in multiple splice variants. *Journal of Insect Science*, 16(1): 83, 1-11, doi: 10.1093/jisesa/iew072.

Gonzalez, F., Bengtsson, J.M., Walker, W.B., Sousa, M., **Cattaneo A.M.**, Montagné, N., de Fouchier, A., Anfora, G., Jacquin-Joly, E., Witzgall, P., Ignell, R., and Bengtsson, M. (2015) A conserved odorant receptor detects the same 1-indanone analogs in a Tortricid and a Noctuid moth. *Front Ecol Evol*, Vol3, Art 131, doi: 10.3389/fevo.2015.00131.

Cattaneo, A.M., Bengtsson, J.M., Borgonovo, G., Bassoli, A., Anfora, G. (2014) Response of the European Grapevine Moth *Lobesia botrana* to somatosensory-active volatiles emitted by the non-host plant *Perilla frutescens*. *Physiological Entomology*, 39, 229-236, doi: 10.1111/phen.12067.

Bengtsson, J.M., Gonzalez, F., **Cattaneo, A.M.**, Montagné, N., Walker III, W.B., Bengtsson, M., Anfora, G., Ignell, R., Jacquin-Joly, E., Witzgall, P. (2014) A predicted sex pheromone receptor of codling moth *Cydia pomonella* detects the plant volatile pear ester. *Front Ecol Evol*, Vol. 2, Art. 33, <https://doi.org/10.3389/fevo.2014.00033>.

Congress proceedings
Chemosensory Receptors of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) CHEMICAL SENSES - 2019 44(7) pp. E96-E96 Meeting Abstract PD500 WOS:000493389500257
Candidate pheromone receptors of codling moth <i>Cydia pomonella</i> respond to pheromones and kairomones CHEMICAL SENSES 2019 44(3) pp. E25-E25 Meeting Abstract P3 WOS:000461135800068
Functional characterization of heterologously expressed Codling Moth Olfactory Receptors CHEMICAL SENSES 2015 40(7) pp. 635-635 Meeting Abstract198 WOS:000361528400277
A transient receptor potential is expressed with multiple splicing isoforms in the Codling Moth <i>Cydia pomonella</i> CHEMICAL SENSES 2015 40(3) pp. 238-238 WOS:000351015600081
Response of the tortricid pest <i>Lobesia botrana</i> to volatiles emitted by the non-host plant <i>Perilla frutescens</i> CHEMICAL SENSES 2014 39(1) pp.91-91 WOS:000329043800077

OTHER INFORMATION

Membership
Since 2022: Vice-president of the association Amici del Cortile of the city of Cornaredo (province of Milan, Italy) - ID: 93556710155.
Since 2019: Founding member of the wine making society Divinorum S.r.l. (https://cantinedivinorum.com/) - VAT: IT 10724480966.
Since 2017: Member of World Wild Fund for Nature (WWF) of Italy. Card number 9123942.
Past memberships: European Chemoreception Research Organization, 2012-2018; Association for Chemoreception Sciences (ACheMS), 2014-2019; Società Entomologica Italiana, 2016; Società Italiana di Genetica Agraria, 2011.
Editorial/reviewer assignments
Reviewer of the Report of Biosciences for a master student visiting SLU-labs from the Ecole Normale Supérieure in Lyon (France), June 2022
University of Lausanne - Course: "Ecologie générale, evolution et introduction à l'écologie comportementale", expert observer of the oral exam conducted in French, January 20 2021.
Certificate attached.



National Research Development and Innovation Fund (NRDI Fund - Hungary): reviewer of the proposal ID: K-134223; panel: Complex agricultural sciences; Review ID:168201; April 2020.
In the last years, I have been requested by 2 master and 1 PhD students to proofread their thesis.
Since 2021 (in progress): Guest Associate Editor in Frontiers in Ecology and Evolution for the research topic "Chemosensory Receptor Systems of Invertebrates, From Expression to Function: Protein Targeting, Interactions with Ligands, Pharmacology, and Pest Management Strategies"; up to now, 4 instances edited: <ul style="list-style-type: none">- Conserved Orthology in Termite Chemosensory Gene Families (published, https://doi.org/10.3389/fevo.2022.1065947)- Dietary Diversity, Sociality, and the Evolution of Ant Gustation (under review)- Red palm weevil olfactory proteins annotated from the rostrum provides insights into the essential role in chemosensation and chemoreception (under review)- Steric restrictions on access of arthropod repellents to ligand-binding sites of olfactory receptors that stimulate attraction (under review)
Since 2021 (in progress): Review Editor for Frontiers in Ecology and Evolution - Chemical Ecology.
Referee for international journals
Frontiers in Ecology and Evolution - Chemical Ecology: 1 instance <ul style="list-style-type: none">- Expression Profiling and in Silico Functional Survey of Odorant Receptor Genes in the Antennae of Female Codling Moths;
Journal of Pest Science: 2 instance <ul style="list-style-type: none">- Differential influence of temperature on the toxicity of three insecticides against the codling moth <i>Cydia pomonella</i> (L.) and two natural enemies;- Dual Effects of Tomato Chlorosis Virus on its Whitefly Vector and its Host Plant Facilitate Viral Spread;
Frontiers in Physiology - Invertebrate Physiology: 1 instance <ul style="list-style-type: none">- Involvement of three chemosensory proteins in perception of host plant volatiles in the tea green leafhopper, <i>Empoasca onukii</i> (published, DOI: 10.3389/fphys.2022.1068543);
Journal of Insect Science: 1 instance <ul style="list-style-type: none">- Observations of the Calling, Mating, and Oviposition Behavior of the Pear Pyralid Moth <i>Euzophera Pyriella</i> Yang;
European Journal of Entomology: 1 instance <ul style="list-style-type: none">- Behavioral Responses of an Aphid and its Wasp Parasitoid to the Volatiles of Rosemary Plants (<i>Rosmarinus Officinalis</i>).
Teaching and supervision
Since the 2018, I contribute with docents of SLU-Alnarp teaching theory and practice in the following Master and PhD courses: BI1346, FÖ0435, BI1397, BI1267 and BI0914 (see course codes at - https://www.slu.se/en/education/programmes-courses/course-search/ - Note: in the years course codes may have been edited or updated).
Supervision of 2 master students during the SLU-practical courses: BI1347 and BI1268
Tutoring of 4 PhD students during the joint ESCAPAdE and ELLS summer Course Host Plant Resistance Breeding as a part of Integrated Pest Management at SLU: BI1400, August 2021 - 3.0 ECTS (Certificate of tutorship attached)
Lab training of 3 PhD students to <i>Drosophila</i> genetic tools and to the use of Single Sensillum Recording
Tutoring of 4 High-school students visiting SLU from the Polhemsskolan Gymnasium of Lund;



Jan. 17 - March 23 2022: Co-coordinator of the Master course BI1346 “Chemical ecology for sustainable insect pest control” SLU-Alnarp. Responsible: Prof. Sharon Hill.
Teaching in other context: Production of supplementary material for teaching on the web (Canvas; YouTube: AMC Life Science); Lecturing in the context of the XXVI International Congress of Entomology (ICE2022), Helsinki July 17-22; Lab practical teaching on the use of GC-SSR equipment during 2 summer schools and 1 master course at SLU; 178 hours of private lessons in English and Biology to secondary school, high school and University students and to private businessmen; General lab demonstrations to visiting students.
Popular science
Communication of science on the Sars-CoV-2 Coronavirus to the general public: since early 2020 I collaborate with RadioWebShow, a local radio from the province of Trento, Italy (http://www.radiowebshow.it). Playlist on radio contribution on the topic are available on YouTube at: https://youtube.com/playlist?list=PLVP7VG-oTBzKMbxZ44UQvM-8BNL2VJZn7 .
AMC Life Science, YouTube playlist on my channel. Link: https://www.youtube.com/playlist?list=PLVP7VG-oTBzKgZl1doMkJHQGmplDz8XbA .
Invited speaker towards: - WWF-Oasi bosco di Vanzago, province of Milan (Italy), December 16 2017 - Muse Museo del latte e della storia della Muggiasca, borg of Vendrogno - City of Bellano, Valsassina community (https://valsassina.it/), province of Lecco (Italy) December 29 2017 Presentation Title “La cimice Asiatica, un insetto infestante di recente importazione”
Interview at the TV channel RTTR-Trentino, June 11 2016, in the TV-program “A come Alpi”. Link: https://www.youtube.com/watch?v=PEg6kSlacn4&t=30s Minute 4:11.
Interview at the TV-channel Rai3-Trentino, 18 Ottobre 2015 in the frame of the special TV-program EXPO 2015. Link: https://youtu.be/AFU1T9jfAEg Minute 21:27.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

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Place and date: **MALMÖ (SWEDEN), MARCH 27 2023**