

Emiliano Mancini

PART I - EDUCATION

- 2007 PH. D. IN 'ANIMAL BIOLOGY'
'SAPIENZA', University of Rome (Italy), Dept. of Biology & Biotechnology "C. Darwin"
- 2002 M. SC. IN BIOLOGICAL SCIENCES (CUM LAUDE)
'SAPIENZA', University of Rome (Italy), Dept. of Biology & Biotechnology "C. Darwin"

PART II – APPOINTMENTS

II.A - Academic Appointments

- 'ROMA TRE' UNIVERSITY - DEPT. OF SCIENCES
2014-2017 TEMPORARY RESEARCHER (i.e. Ricercatore a Tempo Determinato - tipo A)
Grant: EU LIFE-MIPP Project "Monitoring Insects with Public Participation"

'SAPIENZA' UNIVERSITY - DEPT. OF PUBLIC HEALTH AND INFECTIOUS DISEASES

- 2009-2014 POST-DOC FELLOWSHIP (i.e. Assegnista di ricerca)
Grant: Young Researcher Grant MIUR-FIRB 2010 (from 2012 to 2014)
Grant: EU-FP7 MALVECBLOK HEALTH-2007-2.3.2-9 (from 2009 to 2012)

- 2009 (Jan-July) SCHOLARSHIP OF CENCI-BOLOGNETTI FOUNDATION (i.e. Borsista)
Grant: EU-FP7 MALVECBLOK HEALTH-2007-2.3.2-9
-

UNIVERSITY OF TURIN - DEPT. OF GENETICS, BIOLOGY AND BIOCHEMISTRY

- 2007- 2008 POST-DOC FELLOWSHIP (i.e. Assegnista di ricerca)
Grant: Fondazione San Paolo - 'Network italiano di ricerche sulla malaria'

II.B - Other Appointments

- 2006 (Jan-Dec) EMPLOYER/TECHNICIAN in the R&D Department (Tumour and Allergy Diagnostic Kit Development Section) of ADALTIS S.P.A. Medical Diagnostic Company, Guidonia Montecelio, Rome (Italy)

PART III - RESEARCH INTERESTS

Research activities - carried out through field collections, fauna monitoring techniques, morphological/ecological investigations, genetics/genomics methods - can be sub-divided in:

PHYLOGENY, BIOGEOGRAPHY, CONSERVATION GENETICS AND MOLECULAR ECOLOGY

- Phylogeny and phylogeography of beetles (Nitidulidae, Hydraenidae, Meloidae and Cerambycidae), flies (Rinophoridae) and molluscs (Flabellinidae, Ostreidae) by integrating molecular, morphological and ecological data;
- Assessment of the viability of endangered saproxylic beetles (Cerambycidae and Scarabaeidae) in old-growth forests by ecological monitoring, DNA barcoding & Conservation Genetics;

- Molecular ecology of sap-beetles, by investigating the key factors of host plant-insect interactions, and of blister beetles, by investigating the ecological role and chemical diversity of cantharidin.

EVOLUTIONARY PARASITOLOGY AND MEDICAL ENTOMOLOGY OF *ANOPHELES* MOSQUITOES

- Population genetics of *Anopheles* mosquitoes transmitting malaria in Sub-Saharan Africa;
- Molecular evolution of genes involved in *Anopheles* post-mating responses and innate immunity;
- Analysis of the genetic/genomic consequences of hybridization among mosquito vectors on malaria transmission;
- Development of molecular tools for *Plasmodium* and vertebrate-host detection in *Anopheles* mosquitoes to assess malaria infection risk in endemic regions.

PART IV – SCIENTIFIC SKILLS & TRAINING ABROAD

FIELD WORK Planning of invertebrate surveys and field trips mainly in the Mediterranean region (e. g. Italy, Spain, Greece and Tunisia); capture-mark-recapture methods for monitoring saproxyllic beetles in protected forest areas; preparation of entomological collections.

LABORATORY DNA/RNA extraction; amplification and genotyping by PCR; gene expression analysis by qRT-PCR; genotyping via RFLP and High Resolution Melting (HRM); cloning and preparation of plasmidic vectors and competent cells; ELISA; Western Blot; Immunofluorescence; DNA/RNA library preparation for NGS platforms.

Participation to Intensive training abroad to enlarge knowledge on the biology of malaria vectors:

2012 CAMPUS 'ICIPE', MBITA POINT, KENYA, PROF. D. MASIGA LAB (2 weeks):
Methods on *Anopheles* rearing and evaluation of SIT efficacy in semi-field settings

2012 'MAX PLANCK INSTITUTE', BERLIN, GERMANY, PROF. E. LEVASHINA LAB (1 week):
Methods on *Anopheles* RNA interference and innate immunity investigation

2010 'CNRS', STRASBOURG, FRANCE, PROF. E. LEVASHINA LAB (1 week):
Methods to conduct *Anopheles* immunity and embryology studies

2009 'IMPERIAL COLLEGE', LONDON, U.K., PROF. F. CATTERUCCIA LAB (2 weeks):
Methods on *Anopheles* mating behaviour and Real-Time data analysis

DATA ANALYSIS Molecular evolution software (Arlequin, Genalex, GenePop, Structure, TESS, PAUP*, MEGA6, DNAsp, Beast, Gene Runner, TCS, PAML, Geodis and others); 'R' package; genomic/proteomic database mining (NCBI, PUBMED, SwissModel, IntelPro, ENSEMBLE complete genome database); basics of NGS data analysis software (NEXTGENE, CLC-BIO) and browser (GALAXY).

Participation to high-qualified workshops abroad on genetic/genomic data analysis:

2012 "NEXT GENERATION SEQUENCING - TECHNOLOGIES, APPLICATIONS AND DATA ANALYSIS" a theoretical/practical (one week) course on genomic data analysis - Avans Hogeschool Breda (held in Breda, The Netherlands)

2010 'WORKSHOP ON MOLECULAR EVOLUTION' an advanced theoretical/practical (two-weeks) course on data analysis in phylogenetics and molecular evolution - University of Maryland (held in Český Krumlov, Czech Republic)

PART V - TEACHING EXPERIENCE

V.A - Lecturer for University Courses (B.Sc. = Laurea Triennale; M.Sc. = Laurea Magistrale)

'TUSCIA' UNIVERSITY (VITERBO) - Dept. of Innovation in Biological, Agri-food & Forest Systems

B.Sc. Degree in 'Biotechnology' (as Contract Professor):

'ANIMAL BIOLOGY' - Theory & Practice (64 h. = 8 CFU)

A.Y. 2017/2018

'ROMA TRE' UNIVERSITY - Dept. of Sciences

M.Sc. Degree in 'Biodiversity and Management of Ecosystems':

'EVOLUTIONARY PARASITOLOGY' - Theory & Practice (48 h. = 6 CFU) A.Y. 2015/2016

'CONSERVATION GENETICS' module in 'CONSERVATION BIOLOGY' - Theory & Practice (8 h. = 1 CFU)

A.Y. 2015/2016 & 2014/2015

B.Sc. Degree in 'Biology':

'ZOOLOGY' - Practice in laboratories (8 h. = 1 CFU)

A.Y. 2015/2016 & 2014/2015

Ph.D. in 'Molecular, Cellular and Environmental Biology'

'PRACTICAL COURSE ON MOLECULAR PHYLOGENY & POPULATION GENETICS' - Theory & Practice (48 h.)

A.Y. 2015/2016 & 2014/2015

'SAPIENZA' UNIVERSITY - Dept. of Biology & Biotechnology 'C. Darwin'

M.Sc. Degree in 'Landscape Architecture', I Faculty of Architecture (as Contract Professor):

'ZOOLOGY OF HUMAN-MODIFIED ENVIRONMENTS' - Theory (30 h.) A.Y. 2007/2008

B.Sc. Degree in "Pharmacy", Faculty of Pharmacy (as Contract Professor):

'PRINCIPLES OF BIOLOGY' - Theory (24 h.) A.Y. 2005-2006 & 2004-2005

B.Sc. Degree in "Biology", Faculty of Mathematics, Physics and Natural Sciences:

'ANIMAL DIVERSITY' - Practice in laboratories (40 h.) A.Y. 2004/2005

V.B - International teaching

A.Y. 2015/2016 Coordinator of the 'GENERAL BIOLOGY II WITH LABORATORIES' course (Theory & Practice, 48 h. = 6 CFU) offered to U.S. students of 'LORENZO DE MEDICI' AMERICAN INSTITUTE (B.Sc. in 'Biological Sciences') at the Dept. of Sciences of ROMA TRE University.

V.C - Tutorship, Internships & student advising

- 2009 - today Tutor of 12 B.Sc. and 7 M.Sc. Degree theses and co-tutor of 4 Ph.D. theses dealing with zoology, taxonomy, evolutionary biology and parasitology.
- 2014-2017 Responsible to organize and supervise more than 15 student internships in experimental biology (i.e. molecular laboratory and field activities) at 'ROMA TRE' University.
- 2015-2017 Member of the 'Orientation Welcoming Committee' of Dept. of Science ('ROMA TRE') aimed at introducing University Science Programs to students from Secondary Schools through the organization of public presentation and events.

V.D - Community Involvement/Outreach

- 2014-2017 Citizen Science programs developed within the EU LIFE-MIPP project, through the organization of scientific events and creation of online science contents for citizens; 18 divulgation actions in Public Elementary Schools on the importance of forest biodiversity; 5 seminars to the staff of the Italian State Forestry Authority on monitoring protected insects.

PART VI - FUNDING INFORMATION

VI.A - Grants as Principal Investigator

- 2017 Regione Lazio - "LAZIO INNOVA" (149,826 €, under evaluation)
"CANBBIO – CANTHARIDIN, FROM BIODIVERSITY TO BIOTECHNOLOGY", a technology-transfer project to boost medical application of cantharidin-related substances produced by blister-beetles.
- 2016 Member of the Scientific Committee & Proponent of AIIA (Associazione Industriale Italia-Angola) scientific programme "ANGOLA, EVOLVING IN HEALTH - TOWARD A SUSTAINABLE MALARIA VECTOR CONTROL IN ANGOLA" approved by the Italian and Angolan Ministries of Health (aiaonline.com/progetto/angola-evolving-in-health) in an ongoing fund-raising process.

VI.B - Grants as Participant

Participant (and contribution to drafting of applications) to Projects funded by MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca) and European Commission (EU-FP7 and LIFE) dealing with conservation of biodiversity and malaria vector control:

- 2017-2018 MIUR - Programma di mobilità "PIETRO DELLA VALLE" tra Italia e Iran (5,544 €)
'ANALISI ZOOGEOGRAFICA DEL POPOLAMENTO ENTOMOLOGICO DELL'IRAN'
- 2012-2017 European Commission – LIFE MIPP cod. NAT/IT/00252 (2,735,000 €)
'MONITORING INSECTS WITH PUBLIC PARTICIPATION'
- 2013-2014 Fondazione Cenci-Bolognetti - Call 2013 (4,000 €)
'POPULATION GENOMICS OF THE MALARIA MOSQUITO *ANOPHELES GAMBIAE*'
- 2012-2013 MIUR - Grandi Attrezzature cod. C26G12XTPP (25,000 €)
'REAL TIME PCR IN PARASSITOLOGIA: DALLA RICERCA DI BASE ALLE APPLICAZIONI DIAGNOSTICHE'
- 2011-2016 European Commission - FP7 HEALTH AVECNET cod. HEALTH.2010.2.3.2-4 (15,402,000 €)
'AFRICAN VECTOR CONTROL: NEW TOOLS'
- 2010 -2013 MIUR - F.I.R.B., Futuro in Ricerca cod. RBFR106NTE (445,000 €)
'RUOLO DELLE BARRIERE RIPRODUTTIVE IN UN CASO EMBLEMATICO DI SPECIAZIONE INCIPIENTE'
- 2009-2011 MIUR - Progetto di Ateneo cod. C26A097THS (15,000 €)
'CARATTERIZZAZIONE BIONOMICA, GENETICA E FILOGENETICA DELLE SPECIE DEL COMPLESSO *ANOPHELES GAMBIAE* (DIPTERA: CULICIDAE), VETTORI AFROTROPICALI DI MALARIA'
- 2009-2014 European Commission - FP7 INFRASTRUCT. INFRAVEC cod. 2008-1-228421 (10,782,700 €)
'RESEARCH CAPACITY FOR THE IMPLEMENTATION OF GENETIC CONTROL OF MOSQUITOES'
- 2009-2012 European Commission - FP7 HEALTH MALVECBLOK Cod. HEALTH-2007-2.3.2-9 (3,008,000 €)
'POPULATION BIOLOGY AND MOLECULAR GENETICS OF VECTORIAL CAPACITY IN *ANOPHELES GAMBIAE*: TARGETING REPRODUCTIVE BEHAVIOR AND IMMUNITY FOR TRANSMISSION-REFRACTORY INTERVENTIONS'
- 2006-2008 N.I.H., National Institute of Health - Grant 2006 Cod. AI42121 (273,165 \$)
'CHARACTERIZATION OF TRANSPOSABLE ELEMENTS IN *A. GAMBIAE*'
- 2006-2009 MIUR - Progetto di Ateneo cod. C26A06EAWS (10,000 €)
'BIOGEOGRAFIA MOLECOLARE DELLE AREE AFROMEDITERRANEE E DEL VICINO ORIENTE'

PART VII – CONFERENCE ACTIVITY

VII.A – Panels Organized as Member of the Organizing/Scientific Committee

- 2017 (28-31 Aug.) VII CONGRESS OF THE ITALIAN SOCIETY FOR EVOLUTIONARY BIOLOGY, Rome, Italy
2014 (24.27 June) XXVIII CONGRESS OF THE ITALIAN SOCIETY OF PARASITOLOGY, Rome, Italy

VII.B – Attended Conferences (as Discussant)

- 2018 (2-6 July) XI EUROPEAN CONGRESS OF ENTOMOLOGY, Naples, Italy
2017 (28-31 Aug.) VII CONGRESS OF THE ITALIAN SOCIETY FOR EVOLUTIONARY BIOLOGY, Rome, Italy
2016 (05-07 Oct.) II ANNUAL MEETING ON CONSERVATION GENETICS, GÖTTINGEN, Germany
2015 (15-18 Sep.) 76TH NATIONAL CONFERENCE OF THE "UNIONE ZOOLOGICA ITALIANA, Viterbo, Italy

2013 (18-22 Feb.)	ByoSyst.EU 2013 - GLOBAL SYSTEMATICS, Wien, Austria
2013 (28-31 Aug.)	V CONGRESS OF THE ITALIAN SOCIETY FOR EVOLUTIONARY BIOLOGY, Trento, Italy
2012 (26-29 June)	XXVII CONGRESS OF THE ITALIAN SOCIETY OF PARASITOLOGY, Alghero, Italy
2010 (02-04 Sep.)	IV CONGRESS OF THE ITALIAN SOCIETY FOR EVOLUTIONARY BIOLOGY, Milan, Italy
2010 (03-07 Nov.)	59 TH ANNUAL MEETING OF THE AM. SOC. OF TROP. MED. & HYGIENE, Atlanta, U.S.A.
2009 (19-26 July)	IV INTERNATIONAL EMBO MEETING ON MOLECULAR AND POPULATION BIOLOGY OF MOSQUITOES AND OTHER DISEASE VECTORS, Kolymbari, Greece
2008 (18-21 June)	XXV CONGRESS OF THE ITALIAN SOCIETY OF PARASITOLOGY, Pisa, Italy
2008 (05-07 June)	I° INCONTRO CONGIUNTO DI BIOSISTEMATICA "GLI STRUMENTI DELLA BIOSISTEMATICA MODERNA: DALLA MORFOLOGIA ALLO STUDIO DEI GENOMI", Milan, Italy
2007 (04-11 Nov.)	56 TH ANNUAL MEETING OF THE AM. SOC. OF TROP. MED. & HYGIENE, Philadelphia, U.S.A.
2007 (13-20 July)	III INTERNATIONAL EMBO MEETING ON "MOLECULAR AND POPULATION BIOLOGY OF MOSQUITOES AND OTHER DISEASE VECTORS", Kolymbari, Greece

PART VIII - INVITED TALKS

2012 (17 th April)	'POST-MATING IN THE SPECIES OF THE <i>ANOPHELES GAMBIAE</i> COMPLEX: A PHYLOGENETIC PERSPECTIVE' - ICIPE, Mbita Point, Kenya
2011 (13 th April)	'AN INTRODUCTION TO MOLECULAR PHYLOGENETICS: THEORY AND PRACTICE' - CNRs (IBMC), Strasbourg, France
2011 (11 th Jan.)	'DETECTING FOOTPRINTS OF ADAPTIVE DIVERGENCE IN GENES REGULATING POST-MATING RESPONSES IN MALARIA VECTORS OF THE <i>ANOPHELES GAMBIAE</i> COMPLEX' - Istituto Superiore di Sanità, Rome, Italy
2009 (18 th Jan.)	'FIRST INSIGHTS INTO THE MOLECULAR EVOLUTION OF GENES INVOLVED IN REPRODUCTIVE BEHAVIOR OF <i>ANOPHELES GAMBIAE</i> ' - CNRs (IBMC), Strasbourg, France
2007 (21 th Sept.)	'MOLECULAR BIOGEOGRAPHY OF MEDITERRANEAN AND SOUTHERN AFRICAN DISJUNCTIONS AS EXEMPLIFIED BY POLLEN BEETLES OF THE <i>MELIGETHES PLANIUSCULUS</i> SPECIES-COMPLEX (COLEOPTERA: NITIDULIDAE; MELIGETHINAE)' - 'Roma Tre' University, Rome, Italy

PART IX – SCIENTIFIC SOCIETY AND EDITORIAL BOARD MEMBERSHIP

2017-today	Member of the ITALIAN SOCIETY OF EVOLUTIONARY BIOLOGY (ISEB)
2014-today	Member of the ITALIAN SOCIETY OF PARASITOLOGY (SOIPA)
2015-today	Member of the Editorial Board of "FRAGMENTA ENTOMOLOGICA" (PagePRESS) http://www.fragmentaentomol.org/index.php/fragmenta/pages/view/board

PART X – SERVICE TO PROFESSION

Peer reviewer for ISI-indexed international journals, among the others: Zootaxa, PLoS One, Scientific Report, Malaria Journal, BMC Evolutionary Biology, Evolutionary Applications, Scientific Reports, Nature Conservation, Biological Journal of the Linnean Society and Journal of Biogeography.

PART XI – SUMMARY OF SCIENTIFIC ACHIEVEMENTS

H-INDEX TOT. CIT. N° DOC.

SCOPUS	10	433	42
ISI WOS	10	329	40
GOOGLE SCHOLAR	14	770	63

UPDATE 13-07-2018

PART XII - NATIONAL AND INTERNATIONAL QUALIFICATION FOR ACADEMIC RECRUITMENT

- 2014-2020 MIUR - Ministero Istruzione Università e Ricerca (ITALY)
National Scientific Qualification (ASN – ABILITAZIONE SCIENTIFICA NAZIONALE, ART. 16 OF THE LAW 30 DEC. 2010, N. 240) to function as Associate Professor for O5/B1 (Zoology/Antropology)
- 2018 AQU - Agència per a la Qualitat del Sistema Universitari de Catalunya (SPAIN)
Catalan Scientific Qualification (AQU CATALUNYA, ART. 9 OF THE LAW 1/2003) to function as Professor/Lector in Life Science.

PART XIII – LANGUAGES

	READING	SPEAKING	WRITING
ITALIAN	native	native	native
ENGLISH	fluent	fluent	fluent
FRENCH	good	conversation	good
SPANISH	basic	basic	basic

PART XIV - PUBLICATIONS

XIV.A - Scientific Papers

PAPERS “UNDER REVIEW” OR “ACCEPTED”

51. Pombi M., Calzetta M., Guelbeogo W., Manica M., Perugini E., **Mancini E.**, Sagnon N.F., Ranson H., della Torre A. Unexpectedly low Human Blood Index associated to high *Plasmodium* sporozoite rates in *Anopheles coluzzii* from a LLIN-protected village in Burkina Faso. *Scientific Reports* under review (IF=4.259)
50. Liu M., Sabatelli S., Mancini E., Trizzino M., Huang M., Cline A.R., Audisio P. Rediscovery of *Brassicogethes salvan* (Coleoptera: Nitidulidae, Meligethinae) in the southwestern Alps. *Insect Conservation and Diversity* accepted (IF=2.091)

PUBLISHED PAPERS

49. Buono V., Galliani G., **Mancini E.**, Davoli F., Mengoni C., Mucci N., Vignoli L. 2018. An improved microsatellite panel to assess genetic variability in the Italian Smooth Newt (*Lissotriton vulgaris meridionalis*). *Journal of Genetics* doi.org/10.1007/s12041-018-0934-8 (IF=0.995)
48. Molfini M., Redolfi De Zan L., Campanaro A., Rossi de Gasperis S., Mosconi F., Chiari S., Cini A., Antonini G., Solano E. Audisio P., Roversi P.F., Sabbatini Peverieri G., Carpaneto G.M., Mason F., Bologna M.A., **Mancini E.** 2018. A first assessment of genetic variability in the longhorn beetle *Rosalia alpina* (Coleoptera: Cerambycidae) from the Italian Apennines. *The European Zoological Journal* 85 (1): 36-45 doi:10.1080/24750263.2018.1433243 (IF=0.921)
47. **Mancini E.**, Furfaro G., Cervelli M., Di Giulio A., Oliverio M., Salvi D., Mariottini P. 2018. Molecular detection of Bucephalidae and Monorchiidae trematodes in the European flat oyster *Ostrea edulis*. *The European Zoological Journal* 85 (1): 8-16 doi: 10.1080/24750263.2017.1420829 (IF=0.921)
46. Calzetta M., Perugini E., Seixas G., Sousa C.A., Guelbeogo W.M., Sagnon N., della Torre A., Pinto J., Pombi M., **Mancini E.** 2018. A novel nested polymerase chain reaction assay targeting *Plasmodium* mitochondrial DNA in field-collected *Anopheles* mosquitoes. *Medical and Veterinary Entomology* (online - early view) doi: 10.1111/mve.12293 (IF=1.809)
45. Furfaro G., Salvi D., **Mancini E.**, Mariottini P. 2018. A multilocus view on Mediterranean aeolid nudibranchs (Mollusca): Systematics and cryptic diversity of Flabellinidae and Piseinotecidae. *Molecular Phylogenetics and Evolution* 118: 13-22 (IF=4.419)

44. Riccieri A., Salvi D., Maura M., Bologna M., **Mancini E.** 2017. Messinian Salinity Crisis and Quaternary glacial events shaped genetic diversification in Siculo-Maghrebian blister beetles (Coleoptera, Meloidae). *Biological Journal of the Linnean Society* 20: 1-14 (IF=2.288)
43. Campanaro A., Redolfi De Zan L., Hardersen S., Antonini G., Chiari S., Cini A., **Mancini E.**, Mosconi F., Rossi de Gasperis S., Solano E., Bologna M.A., Sabbatini Peverieri G. 2017. Guidelines for the monitoring of *Rosalia alpina*. *Nature Conservation* 20: 165-203 (IF=1.355)
42. Mosconi F., Campanaro A., Carpaneto G.M., Chiari S., Hardersen S., **Mancini E.**, Maurizi E., Sabatelli S., Zauli A., Mason F., Audisio P. 2017. Training of a dog for the monitoring of *Osmoderma eremita*. *Nature Conservation* 20: 237-264. (IF=1.355)
41. Redolfi De Zan L., Bardiani M., Antonini G., Campanaro A., Chiari S., **Mancini E.**, Maura M., Sabatelli S., Solano E., Zauli A., Sabbatini Peverieri G., Roversi P.F. 2017. Guidelines for the monitoring of *Cerambyx cerdo*. *Nature Conservation* 20: 129-164 (IF=1.355)
40. Vicente J.L., Clarkson C.S., Caputo B., Gomes B., Pombi M., Sousa C.A., Antao T., Dinis J., Bottà G., **Mancini E.**, Petrarca V., Mead D., Drury E., Stalker J., Miles A., Kwiatkowski D.P., Donnelly M.J., Rodrigues A., della Torre A., Weetman D., Pinto J. 2017. Massive introgression drives species radiation at the range limit of *Anopheles gambiae*. *Scientific Reports* 7: 46451 doi: 10.1038/srep46451 (IF=4.259)
39. Caputo B., Pichler V., **Mancini E.**, Pombi M., Vicente J., Dinis J., Steen K., Petrarca V., Rodrigues A., Pinto J., della Torre A., Weetman D. 2016. The last bastion? X-chromosome genotyping of *Anopheles gambiae* species-pair males from a hybrid zone reveals complex recombination within the major candidate 'genomic island of speciation'. *Molecular Ecology* 25: 5719-5731, doi: 10.1111/mec.13840 (IF=6.086)
38. Rossi de Gasperis S., Carpaneto G. M., Nigro G., Antonini G., Chiari S., Cini A., **Mancini E.**, Mason F., Mosconi F., Redolfi De Zan L., Roversi P.F., Sabbatini Peverieri G., Solano E., Campanaro A. 2016. Computer-aided photographic identification of *Rosalia alpina* (Coleoptera: Cerambycidae) applied to a mark-recapture study. *Insect Conservation and Diversity* 10 (1):54-63, doi: 10.1111/icad.12199 (IF=1.840)
37. Clayhills T., Audisio P., Cline A.R., **Mancini E.**, Trizzino M., Sabatelli S. 2016. Unraveling cryptic species diversity in an aposematic sap beetle genus (Coleoptera: Nitidulidae: Cryptarchinae) from Northern Europe. *Insect Systematics and Evolution* 47 (2): 131-148, doi: 10.1163/1876312X-47022137. (IF=1.300)
36. Zauli A., Carpaneto G.M., Chiari S., **Mancini E.**, Nyabuga F.N., Redolfi de Zan L., Romiti F., Sabbani S., Audisio P., Hedenstrom E., Bologna M.A., Svensson G. 2016. Assessing the taxonomic status of *Osmoderma cristinae* (Coleoptera: Scarabaeidae), endemic to Sicily, by genetic, morphological and pheromonal analyses. *Journal of Zoological Systematics and Evolutionary Research* 54 (3): 206-214, doi: 10.1111/jzs.12127. (IF=2.444).
35. **Mancini E.**, De Biase A., Cline A.R., Antonini G., Trizzino M., Clayhills T., Sabatelli S., Cerretti P., Audisio P. 2016. Morphological, genetic and host-plant diversification in pollen beetles of the *Brassicogethes coracinus* group (Coleoptera: Nitidulidae: Meligethinae). *Rendiconti Fis. Acc. Lincei* 27 (2): 321-339, doi: 10.1007/s12210-015-0482-6. (IF=0.693)
34. **Mancini E.**, Spinaci M.I., Gordicho V., Caputo B., Pombi M., Vicente J.L., Dinis J., Rodrigues A., Petrarca V., Weetman D., Pinto J., della Torre A. 2015. Adaptive potential of hybridization among malaria vectors: introgression at the immune locus *TEP1* between *Anopheles coluzzii* and *A. gambiae* in 'Far West' Africa. *PLoS ONE* 10 (6): e0127804 (IF=2.806).
33. Mason F., Roversi P.F., Audisio P., Bologna M.A., Carpaneto G.M., Antonini G., **Mancini E.**, Sabbatini Peverieri G., Mosconi F., Solano E., Maurizi E., Maura M., Chiari S., Sabatelli S., Bardiani M., Toni I., Redolfi De Zan L., Rossi De Gasperis S., Tini M., Cini A., Zauli A., Nigro G., Bottacci A., Hardersen S., Campanaro A. 2015. Monitoring Insects with Public Participation (MIPP; EU-LIFE project 11 NAT/IT/00252): overview on a citizen science initiative and a monitoring programme (Insecta: Coleoptera; Lepidoptera; Orthoptera). *Fragmenta entomologica* 47(1): 51-52. (IF=N/A)
32. Santolamazza F., Caputo B., Nwakanma D.C., Fanello C., Petrarca V., Conway D.J., Weetman D., Pinto J., **Mancini E.***, della Torre A. 2015. Remarkable diversity of intron-1 of the para voltage-gated sodium channel gene in an *Anopheles*

gambiae/A. *coluzzii* hybrid zone. *Malaria Journal* 14:9 doi:10.1186/s12936-014-0522-1 (IF=2.715) * corresponding author

31. Audisio P., Scaramozzino P., Sabatelli S., **Mancini E.**, Cline A.R. 2015. *Carpophilus zeaphilus*, a new sap beetle species acclimatized in Italy (Coleoptera: Nitidulidae). *Fragmenta entomologica* 47(1), 33-35. (IF=N/A)
30. Audisio P., Cline A.R., Trizzino M., **Mancini E.**, Antonini G., Sabatelli S., Cerretti P. 2015. Revision of the African pollen beetle genera *Tarchonanthogethes* and *Xenostrongylogethes*, with insect-host plant relationships, identification key, and cladistic analysis of the *Anthystrix* genus-complex (Coleoptera: Nitidulidae: Meligethinae). *Zootaxa* 3920 (1): 101-152 (IF=0.972)
29. Audisio P., Cline A., Solano E., **Mancini E.**, Lamanna F., Antonini G., Trizzino M., 2014. A peculiar new genus and species of pollen-beetle (Coleoptera, Nitidulidae) from eastern Africa, with a molecular phylogeny of related Meligethinae. *Systematics and Biodiversity* 12 (1): 77-91 (IF=2.127)
28. Solano E., **Mancini E.**, Ciucci P., Mason F., Audisio P., Antonini G. 2013. The EU protected taxon *Morimus funereus* Mulsant, 1862 (Coleoptera: Cerambycidae) and its Western Palaearctic allies: systematics and conservation outcomes. *Conservation Genetics* 10.1007/s10592-013-0461-3 (IF=1.515)
27. Avgin S.S., Magri D., Antonini G., **Mancini E.**, Jansson N., Lasoń A., Cline A.R., Audisio P. 2012. Review of the cedar and oak forest-associated *Epuraea latipes* species group (Coleoptera: Nitidulidae, Epuraeinae), with description of a new species from southern Turkey. *Entomologica Fennica* 23: 49-62 (IF=0.300)
26. De Biase A., Antonini G., **Mancini E.**, Trizzino M., Cline A., Audisio P. 2012. Discordant patterns in the genetic, ecological and morphological diversification of a recently radiated phytophagous beetle clade (Coleoptera: Nitidulidae: Meligethinae). *Rendiconti Fis. Acc. Lincei* 23: 207–215 (IF=0.693)
25. **Mancini E.**, Baldini F., Tammaro F., Calzetta M., Serrao A., Phillip G., Morlais I., Masiga D., Sharakhov I.V., Rogers D.W., Catteruccia F., della Torre A. 2011. Molecular characterization and evolution of a gene family encoding male-specific reproductive proteins in the African malaria vector *Anopheles gambiae*. *BMC Evolutionary Biology* 11: 292 (IF=3.221)
24. Trizzino M., Audisio P., Antonini G., **Mancini E.**, Ribeira I. 2011. Molecular phylogeny and diversification of the "Haenya" lineage (Hydraenidae, genus *Hydraena*), a north-Mediterranean endemic-rich group of rheophilic Coleoptera. *Molecular Phylogenetics and Evolution* 61: 772-783 (IF=4.419)
23. Santolamazza F., Caputo B., Calzetta M., Vicente J.L., **Mancini E.**, Petrarca V., Pinto J., della Torre A. 2011. Comparative analyses reveal discrepancies among results of commonly used methods for *Anopheles gambiae* molecular forms identification. *Malaria Journal* 10: 215 (IF=2.715)
22. Audisio P., Jelinek J., Cline A.R., **Mancini E.**, Trizzino M., Cerretti P., Antonini G. 2011. Description and taxonomic position of a new genus and species of southern African pollen beetle (Coleoptera: Nitidulidae: Meligethinae). *Zootaxa* 2927: 49-56 (IF=0.972)
21. Audisio P., Cline A.R., **Mancini E.**, Trizzino M., Lamanna F., Antonini G. 2011. A new species of southern African pollen beetle and discussion of the taxonomic position of *Jelinekigethes* Audisio & Cline, 2009 (Coleoptera: Nitidulidae: Meligethinae). *Zootaxa* 2909: 47-56. (IF=0.972)
20. Audisio P., Cline A.R., **Mancini E.**, Trizzino M., Avgin S.S., De Biase A. 2011. Four new Palaearctic *Brassicogethes* (Coleoptera, Nitidulidae, Meligethinae), and phylogenetic inference on the *B. coracinus* group. *Rendiconti Fis. Acc. Lincei*, 22: 235-268 (IF=0.693)
19. **Mancini E.**, Tammaro F., Baldini F., Via A., Raimondo D., George P., Audisio P., I. Sharakhov I., Tramontano A., Catteruccia F., della Torre A. 2011. Molecular evolution of a cluster of serine proteases expressed in the *Anopheles gambiae* female reproductive tract. *BMC Evolutionary Biology* 11(1): 72 (IF=3.221)

18. Caputo B., Santolamazza F., Vicente J.L., Nwakanma D.C., Palsson K., Jaenson T., White B., **Mancini E.**, Petrarca V., Conway D.J., Besansky N., Pinto J., della Torre A. 2011. The “Far-West” of *Anopheles gambiae* molecular forms. *PLoS ONE* 6(2): e16415 (IF=2.806).
17. Audisio P., Trizzino M., De Biase A., Rossetti G., **Mancini E.**, Antonini G. 2009. Molecular and morphological evidence of a new sibling species of *Calobius* (Coleoptera: Hydraenidae) of the *C. quadricollis* complex from peninsular Italy. *Italian Journal of Zoology* 77(1): 29-37 (IF=0.921)
16. Audisio P., Cline A.R., De Biase A., Antonini G., **Mancini E.**, Trizzino M., Costantini L., Strika S., Lamanna F., Cerretti P. 2009. Preliminary re-examination of genus-level taxonomy of the pollen beetle subfamily Meligethinae (Coleoptera: Nitidulidae). *Acta Entomologica Musei Nationalis Pragae* 49(2): 341–504. (IF=0.632)
15. Antonini G., Audisio P., **Mancini E.**, De Biase A., Tronci C., Rossetti G., Trizzino M. 2009 Molecular phylogeography of two Italian sibling species of *Calobius* (Coleoptera, Hydraenidae, Ochthebiinae) inhabiting Mediterranean marine rock-pool ecosystems. *Marine Biology* 157(2): 371-381 (IF=2.136)
14. Audisio, P., De Biase A., Trizzino, M., **Mancini, E.**, Antonini, G. 2009. A new species of *Meligethes* (Coleoptera: Nitidulidae: Meligethinae) of the *M. lugubris* complex from Sardinia. In: Cerretti, P., Mason, F., Minelli, A., Nardi, G. & Whitmore, D. (Eds), Research on the Terrestrial Arthropods of Sardinia (Italy). *Zootaxa* 2318: 386–393 (IF=0.972)
13. Audisio, P., Cline, A.R., Lamanna, F., Trizzino, M., Antonini, G., **Mancini, E.**, De Biase A. 2009. Revision of the Southern African pollen beetle genus *Anthystrix* (Coleoptera: Nitidulidae: Meligethinae). *Annals of the Entomological Society of America*, 102(6): 998-1012 (IF=1.222)
12. Audisio, P., Trizzino, M., De Biase, A., **Mancini, E.**, Antonini, G. 2009. A new species of *Hydraena* (Coleoptera: Hydraenidae: *Haenya* lineage) of the *H. evanescens* complex from Sardinia. In: Cerretti, P., Mason, F., Minelli, A., Nardi, G. & Whitmore, D. (Eds), Research on the Terrestrial Arthropods of Sardinia (Italy). *Zootaxa* 2318: 281–289 (IF=0.972)
11. Trizzino M., Audisio P., Antonini G., De Biase A., **Mancini E.** 2009. Comparative analysis of sequences and secondary structures of the rRNA internal transcribed spacer 2 (ITS2) in pollen-beetles of the subfamily Meligethinae (Coleoptera, Nitidulidae): potential use of slippage-derived sequences in molecular systematics. *Molecular Phylogenetics and Evolution* 51: 215-226 (IF=4.419).
10. Audisio P., Carpaneto G.M., Coletti G., **Mancini E.**, Trizzino M., Antonini G., De Biase A. 2008. Data on molecular taxonomy and genetic diversification of the European Hermit beetles, a species-complex of endangered insects (Coleoptera: Scarabaeidae, Cetoniinae, *Osmoderma*). *Journal of Zoological Systematics and Evolutionary Research* 47(1): 88–95 (IF=2.444)
9. Audisio P., Kirk-Spriggs A.H., Cline A.R., Trizzino M., Antonini G., **Mancini E.**, De Biase A. 2008. A new genus of pollen-beetle from South Africa (Coleoptera: Nitidulidae), with discussion of the generic classification of the subfamily Meligethinae. *Insect Systematics and Evolution* 39 (4): 419-430. (IF=1.300)
8. Audisio P., De Biase A., Kirk Spriggs A.H., Cline A.R., Trizzino M., Antonini G., **Mancini E.** 2008. Molecular biogeography of Mediterranean and southern African disjunctions as exemplified by pollen beetles of the *Meligethes planiusculus* species-complex (Coleoptera: Nitidulidae; Meligethinae). *Biogeographia* XXIX: 45-63. (IF=N/A)
7. Santolamazza F.* **Mancini E.***, Simard F., Qi Y., Tu Z., della Torre A. 2008. Insertion polymorphisms of *SINE200* retrotransposons within speciation islands of *Anopheles gambiae* molecular forms. *Malaria Journal* 7 (1): 163 (IF=2.715)
*equal contributors
6. **Mancini E.**, De Biase A., Mariottini P., Bellini A. and Audisio P. 2008. Structure and evolution of the mitochondrial control region of the pollen-beetle *Meligethes thalassophilus* (Coleoptera: Nitidulidae). *Genome* 51: 196-207, doi:10.1139/G07-116. (IF=1.755).

5. Audisio P., Brustel H., Carpaneto G.M., Coletti G., **Mancini E.**, Piattella E., Trizzino M., Dutto M., Antonini G., De Biase A. 2007. Updating the taxonomy and distribution of the european *Osmoderma*, and strategies for their conservation (Coleoptera, Scarabeidae, Cetoniinae). *Fragmenta entomologica* 39 (2): 273-290. (IF=N/A)
4. Audisio P., **Mancini E.**, De Biase A. 2006. A new species of the pollen-beetle genus *Meligethes* (Coleoptera: Nitidulidae) of the *M. aeneus* group from Greece, with review of the *M. subaeneus* complex. *Zootaxa* 1275: 43-60. (IF=0.994)
3. Audisio P., De Biase A., Antonini G., **Mancini E.** 2005. Two new *Meligethes* of the *M. coracinus* complex from southern Europe (Coleoptera, Nitidulidae). *Fragmenta Entomologica* 37(1): 65-89. (IF=N/A)
2. Audisio P., De Biase A., Antonini G., **Mancini E.**, Ozbek H., Gultekin L. 2005. Redescription and natural history of *Meligethes longulus* Schilsky, 1894, and provisional revision of the *M. coracinus* species-complex (Coleoptera, Nididulidae, Meligethinae). *Italian Journal of Zoology* 72: 73-85. (IF=0.921)
1. De Biase A., Antonini G., **Mancini E.**, Audisio P. 2003. Molecular taxonomy of two sympatric sibling species of the pollen-beetle genus *Meligethes* (Coleoptera, Nitidulidae). *Zootaxa*, 190: 1-16 (IF=0.972).

XIV.A - Proceedings of National and International Conferences

* = participation as Discussant

33. Gisondi S., Gasperi T., Roma E., Tomai P., Vignoli L., Bologna M., **Mancini E.** Enlarging knowledge on cantharidin in blister beetles (Coleoptera: Meloidae). *XI European Congress of Entomology, 2-6 July 2018, Naples, Italy* (poster)
32. Riccieri A., **Mancini E.**, Bologna M.A. A multilocus approach to explore the phylogeny of a mega-diverse taxon: the case of *Hycleus* (Coleoptera, Meloidae). *XI European Congress of Entomology, 2-6 July 2018, Naples, Italy* (oral)
31. Riccieri A., **Mancini E.**, Bologna M.A. Exploring the phylogeny of a megadiverse taxon: the case of *Hycleus* (Coleoptera, Meloidae). *7° Congresso della Società Italiana di Biologia Evoluzionistica, 28-31 August 2017, Rome, Italy* (Pg 36) (poster).
30. Furfaro G., **Mancini E.**, Salvi D., Mariottini P. Unraveling the evolutionary history of Mediterranean Flabellinidae and Piseinotecidae species (Heterobranchia, Gastropoda). *7° Congresso della Società Italiana di Biologia Evoluzionistica, 28-31 August 2017, Rome, Italy* (Pg 22) (oral).
29. Pombi M., Calzetta M., Guelbeogo W.M., Manica M., Perugini E., **Mancini E.**, Sagnon N., Ranson H., della Torre A. Entomological survey in a LLIN-protected village of Burkina Faso shows unexpectedly low Human Blood Index associated to high Plasmodium sporozoite rates in the malaria vector *Anopheles coluzzii*. *4th PAMCA annual congress, 16-18 October 2017, Ouagadougou, Burkina Faso.* (oral)
28. Molfini M., Rossi de Gasperis S., Redolfi De Zan L., Campanaro A., Mosconi F., Chiari S., Cini A., Antonini G., Solano E., Nigro G., Andersen S., Roversi P.F., Sabbatini Peverieri G., Mason F., Bologna M.A., **Mancini E.*** 2016. Genetic variability and conservation of longhorn beetle *Rosalia alpina* in Italy in the frame of EU-LIFE MIPP Project. *2nd Annual Meeting in Conservation Genetics – From Research to Applications, 5-7 October 2016, Göttingen, Germany* (oral).
27. Bologna M.A., Davies S., **Mancini E.**, Stellati L., Pitzalis M. Molecular phylogenetic studies on Lyttini (Coleoptera, Meloidae). In: *Atti del XXV Congresso Nazionale Italiano di Entomologia, 20-24 June 2016, Padua, Italy* (pg. 45) (oral).
26. Mosconi F., Audisio P., Campanaro A., Antonini G., Chiari S., Hardersen S., **Mancini E.**, Mason F., Roversi, P. F., Sabbatini Peverieri G., Sabatelli S., Zauli A., Maurizi E. 2016. The use of a sniffer dog to monitor the endangered saproxyllic beetle *Osmoderma eremita* (Scopoli, 1763). *9th edition of the symposium on the conservation of saproxyllic beetles, 22-24 April 2016, Genk, Belgium* (oral).
25. Rossi de Gasperis S., Chiari S., Redolfi De Zan L., Antonini G., Carpaneto G.M, Cini A., **Mancini E.**, Mason F., Mosconi F., Nigro G., Roversi P.F., Sabbatini Peverieri G., Solano E., Campanaro A. 2016. Assessing reliable and minimal-invasive methods for the monitoring of the longhorn beetle *Rosalia alpina* and implications for forest management. *9th edition of the symposium on the conservation of saproxyllic beetles, 22-24 April 2016, Genk, Belgium* (oral).
24. Maurizi E., Campanaro A., Cini A., Maura M., Redolfi de Zan L., Zapponi I., Antonini G., Bardiani M., Chiari S., Handersen S., **Mancini E.**, Mosconi F., Audisio P., Bologna M., Bottacci A., Carpaneto G., Marco P., Roversi P., Sabbatini

G., Mason F. 2015. Monitoring Insects and Public Involvement: the challenge of the life project MIPP. *EEF/SItEEcology at the Interface, 21-25 September 2015, Rome, Italy.* (oral).

23. Furfaro G., **Mancini E.**, Salvi D., Carmona L., Cervera J.L. Mariottini P. 2015. Molecular phylogeny of the Mediterranean Flabellinidae (Heterobranchia, Nudibranchia, Aeolidida): preliminary results based on mitochondrial and nuclear markers. *5th International Workshop on Opisthobranchs, 13–15 July 2015, Porto, Portugal.* (poster)

22. Riccieri A., Maura M., Salvi D., Bologna M.A., **Mancini E.** Investigating the Sicilian-Maghrebian biogeographic pattern in blister beetles (Coleoptera, Meloidae). In: *Proceedings of the 76th National Conference of the Unione Zoologica Italiana, 15-18 September 2015, Viterbo, Italy* (pg. 110) (poster).

21. **Mancini E.***, Caputo B., Pombi M., Santolamazza F., Vicente J.L., Petrarca V., Pinto J., della Torre A. Insights into the hybridization occurring between the two molecular forms of the malaria mosquito *Anopheles gambiae*s (pres. orale). *ByoSyst.EU 2013 Global Systematics 18-22 February 2013, In: Abstract Volume, A. Kroh, B. Berning, E. Haring, M. Harzhauser, H. Sattmann, J. Walochnik, D. Zimmermann & M. Zuschin (Eds.), NOBIS Austria Wien* (oral).

20. **Mancini E.**, Spinaci M.I., Caputo B., Pichler V., Vicente J.L., Rodrigues A., Pombi M., Petrarca V., Pinto J., della Torre A. 2013. Allelic variation at the immunity gene TEP1 in an area of hybridization between the malaria mosquitoes *Anopheles gambiae* and *An. coluzzii*. *5th Congress of ITALIAN SOCIETY FOR EVOLUTIONARY BIOLOGY (SIBE), 28-31 August 2013, Trento, Italy* (poster).

19. Antonini G., Audisio P., Mason F., **Mancini E.**, Solano E. 2012. An overview of three case studies: when molecular systematics can be useful for conservation purposes of saproxylic beetles. *7th Symposium and Workshop on the Conservation of Saproxylic Beetles, 11-14 May 2012, Granada, Spain* (oral).

18. Santolamazza F., **Mancini E.**, Caputo B., Nwakanma D.C., Conway D.J., Pinto J., della Torre A. 2012. New insights on an area of secondary contact between *Anopheles gambiae* M and S forms from polymorphism analysis of Intron-1 of the voltage-gated sodium channel gene. *American Society of Tropical Medicine and Hygiene, 61th Annual Meeting, 11–15 November 2012, In: Supplement to the American Journal of Tropical Medicine and Hygiene, Atlanta, Georgia, U.S.A., n° 205, 87: 61* (poster). (IF=2.453)

17. Weetman D., Caputo B., Vicente J.L., Pombi M., Rodrigues A., **Mancini E.**, Maslen G., MacInnis B., Kwiatkowski D., della Torre A., Pinto J., Donnelly M.J. 2012. Genomes in flux: 'real-time' dynamics of incipient speciation in *Anopheles gambiae*. *American Society of Tropical Medicine and Hygiene, 61th Annual Meeting, 11–15 November 2012, In: Supplement to the American Journal of Tropical Medicine and Hygiene, Atlanta, Georgia, U.S.A., n° 999, 87: 304* (oral). (IF=2.453)

16. Caputo B., Weetman D., **Mancini E.**, Pombi M., Vicente J.L., Rodrigues A., Donnelly M.J., Pinto J., della Torre A. 2012. Evidence of recombination in the X-chromosome centromeric region in *Anopheles gambiae* molecular forms from an area of putative secondary contact. *American Society of Tropical Medicine and Hygiene, 61th Annual Meeting, 11–15 November 2012, In: Supplement to the American Journal of Tropical Medicine and Hygiene, Atlanta, Georgia, U.S.A., n° 998, 87: 304* (oral). (IF=2.453)

15. **Mancini E.*** 2012. Dissecting the genetic basis of differentiation and speciation in the *Anopheles gambiae* complex. *Atti del XXVII Congresso Nazionale della Società Italiana di Parassitologia, 26-29 June 2012, Alghero, Italy, p. 220* (oral).

14. **Mancini E.***, Tammaro F., Baldini F., Serrao A., Rogers D.W., Sharakhov I., Catteruccia F., della Torre A. 2010. Adaptive evolution of male accessory gland proteins involved in post-mating reproductive mechanisms of the african malaria mosquito *Anopheles gambiae*. *IV Congresso Nazionale della Società Italiana di Biologia Evoluzionistica (SIBE), 2-4 September 2010. Milan, Italy* (poster).

13. **Mancini E.***, Tammaro F., Baldini F., David D.W., Via A., Raimondo D., George P., Sharakhov I., Tramontano A., Catteruccia F., della Torre A. 2010. Molecular evolution of genes involved in post-mating reproductive mechanisms of the malaria mosquito *Anopheles gambiae*. *American Society of Tropical Medicine and Hygiene, 59th Annual Meeting, 3–7 November 2010, In: Supplement to the American Journal of Tropical Medicine and Hygiene, 83: 5 Atlanta, Georgia, U.S.A., n° 1182, p. 351* (oral). (IF=2.453)

12. **Mancini E.***, Tammaro F., Catteruccia F., della Torre A. 2009. Molecular evolution of two accessory gland proteins in *Anopheles gambiae*. *Fourth International EMBO Meeting on "Molecular and Population Biology of Mosquitoes and Other Disease Vectors"*, 19-26 July 2009, Kolymbari, Crete, Greece (oral).
11. Rogers D.W., **Mancini E.**, Whitten M.M., Baldini F., Thailayil J., della Torre A., Levashina L., Catteruccia F. 2008. Molecular bases of post-mating behaviour in *Anopheles gambiae*. *American Society of Tropical Medicine and Hygiene, 57th Annual Meeting*, 7-11 December 2008, In: *Supplement to the American Journal of Tropical Medicine and Hygiene*, 79: 6 New Orleans, L.A., U.S.A., n° 1069, p. 314 (oral). (IF=2.453)
10. della Torre A., Santolamazza F., Caputo B., **Mancini E.**, Palsson K., Nwakanama D., Jawara M., Conway D., Tu Z., Petrarca V., Pinto J., 2008. High hybridization rate between *Anopheles gambiae* molecular forms at the western extreme of their range highlights possible gene-flow in the X-chromosome "speciation island". *American Society of Tropical Medicine and Hygiene, 57th Annual Meeting*, 7-11 December 2008, In: *Supplement to the American Journal of Tropical Medicine and Hygiene*, 79: 6 New Orleans, L.A., U.S.A., n° 1168, p. 343 (oral). (IF=2.453)
9. Santolamazza F., Pinto J., **Mancini E.**, Caputo B., Pombi M., Simard F., Caccone A., Tu Z., Petrarca V., della Torre A. 2008. Analysis of genetic diversity within *Anopheles gambiae* s.s. M-form. *Atti del XXV Congresso Nazionale della Società Italiana di Parassitologia, Pisa, Italy*, 18-21 June 2008, Vol. 50, Suppl. 1, p. 102 (poster).
8. **Mancini E.***, Santolamazza F., Tu J., Qi Y., Simard F., della Torre A. 2008. The analysis of *SINE200* transposable elements in *Anopheles gambiae* provides a new approach to study the genetic diversity between M and S molecular forms and a novel tool for their identification. *Atti del XXV Congresso Nazionale della Società Italiana di Parassitologia, Pisa*, 18-21 June 2008, Vol 50, Suppl. 1, p. 247. (poster).
7. **Mancini E.***, Santolamazza F., della Torre A., Tu Z., 2008. Gli elementi trasponibili *SINE200* nel vettore della malaria *Anophelesgambiae*: dinamiche evolutive ed utilizzo in biosistematica. *I° Incontro Congiunto di Biosistematica. "Gli strumenti della Biosistematica moderna: dalla morfologia allo studio dei genomi"*, 5-7 June 2008. Università "La Bicocca" di Milano, Milan, Italy (oral).
6. **Mancini E.***, Santolamazza F., Tu J., della Torre A. 2007. Preliminary data on insertion polymorphism of *SINE200* in *Anopheles gambiae*. *American Society of Tropical Medicine and Hygiene, 56th Annual Meeting*, 4-11 November 2007, In: *Supplement to the American Journal of Tropical Medicine and Hygiene*, 77: 5, Philadelphia, Massachusetts U.S.A., n° 871, p. 249 (poster). (IF=2.453)
5. Antonini G., Audisio P., De Biase A., **Mancini E.**, Rector B.G., Cristofaro M., Biondi M., Korotyaev B.A., Bon M.C., Konstantinov A., and Smith L. 2007. The importance of molecular tools in classical biological control of weeds: two case studies with yellow starthistle candidate biocontrol agents. *Proceedings of the XII International Symposium on Biological Control of Weeds, La Grande Motte (Montpellier)*, 22-27 April 2007, p. 263-269 (oral).
4. **Mancini E.***, Santolamazza F., Tu J., della Torre A. 2007. *SINE200* insertion polymorphism in *Anopheles gambiae*. *Third International EMBO Meeting on "Molecular and Population Biology of Mosquitoes and Other Disease Vectors"*, 13-20 July 2007, Kolymbari, Crete, Greece (oral).
3. **Mancini E.***, De Biase A., Audisio P. 2005. Struttura ed evoluzione della Regione di Controllo del DNA mitocondriale nel genere *Meligethes* (Coleoptera, Nitidulidae). *Atti del 66° Congresso Nazionale dell'Unione Zoologica Italiana, Anno 2005, Università di Roma "La Sapienza", Rome, Italy*, Ed. Belvedere, Latina, p. 386 (oral).
2. De Biase A., Audisio P., Antonini G., **Mancini E.** 2004. Toward a molecular phylogeny of the *Meligethes coracinus* species-complex (Coleoptera, Nitidulidae). *Conferenza sulla Ricerca Scientifica Facoltà di Farmacia: "Dalle molecole agli organismi"*. Università di Roma "La Sapienza", Rome, Italy, 9-10 XII.2004, Riassunti: P1 (poster).
1. Audisio P., Ballerio A., Carpaneto G.M., Antonini G., **Mancini E.**, Coletti G., Piattella E., De Biase A. 2003. *Osmoderma eremita* s.l. in Europa meridionale: stato delle conoscenze e problemi di conservazione (Coleoptera, Cetoniidae). *Atti del Simposio Internazionale "Legno morto: una chiave per la biodiversità"*, 29-31 May 2003, Mantua, Italy, Sherwood 95, Suppl. 2, Mantova, Ed. Mason F., Nardi G. & Tisato M., p. 57-60 (oral).

N.B. Quanto dichiarato in codesto CV corrisponde a verità ai sensi degli artt. 46 e 47 del D.P.R. 28 dicembre 2000, n. 445 e successive modifiche e integrazioni

Data e luogo

13 Luglio 2018, Roma

Firma

Emanuele Manzini