

Curriculum vitae et studiorum

of Flavia Giusy Capri

PERSONAL INFORMATION

Place of birth ALESSANDRIA (AL), ITALY *Date* 05th November 1973
Nationality ITALIAN
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Home Page <http://people.unipmn.it/capri>

EDUCATION

General Certificate of Education

Institute: Liceo Scientifico Statale Galileo Galilei, Alessandria, Italy
Attainment year: 1992
Grade 47/60

Degree in Biological Sciences

Specialization in Physiopathology

Institute: Turin University, II^a Faculty of Physical, Mathematics and Natural Sciences, Alessandria branch, Italy
Attainment date: 06th March 1998
Grade 105/110
Degree thesis title: "*Cytochemical quantification of Ca²⁺-ATPase activity in mussel digestive gland*" -
Supervisor: prof. G. Pons

Qualification to the BIOLOGIST profession

- Institute: "A. Avogadro" East Piedmont University, Alessandria branch, Italy
Attainment date: May 2000
- Entered for Biologists National Association on Professional List since 30th January 2001, number 050411

Research Doctorate in "Environmental Sciences" (freshwater and agroecosystems) - XV CICLO

Institute: Faculty of Physical, Mathematics and Natural Sciences, "A. Avogadro" East Piedmont University, Alessandria branch, Cytochemistry and Functional Morphology operating unit (Supervisor: prof. G. Pons)
3 years duration (1999-2002)
Attainment date: 24th July 2003
Research doctorate thesis title: "*Study of molecular and cellular pathways on Unio pictorum mussel using cytochemical methods to evaluate pollutants effects in waters*"

Entered for Technical Consultants Association of Court

since 23rd November 2004, number 2, page 144, category "Biologists"

CURRENT POSITION

since Jan 02, 2010
full-time

Cytochemistry laboratory technician (permanent contract)

Institute: Department of Environmental and Life Sciences (DiSAV), since January 2012
Department of Science and Technological Innovation (DiSIT), "A. Avogadro" East Piedmont University, Alessandria

- May 1995 - Jun 1995**
150 hours
part-time
Grant for practical-applied activities
Institute: Turin University, II^a Faculty of Physical, Mathematics and Natural Sciences, Alessandria branch
- Mar 1998 - Mar 1999**
12 months
full-time
Practical annual post-lauream apprenticeship
Institute: Science and Advanced Technologies Department (DiSTA) of Turin University, since August 1998 "A. Avogadro" East Piedmont University, Alessandria branch
- Oct 1998 - Jun 1999**
8 months
full-time
Grant for scientific-teaching collaboration, Biology area (Cytochemistry and Histochemistry sub-area)
Institute: Faculty of Physical, Mathematics and Natural Sciences, "A. Avogadro" East Piedmont University, Alessandria branch
inclusive of 100 hours teaching activity
- 1997 - 1999**
Scientific collaboration
Institute: Science and Advanced Technologies Department (DiSTA) of Turin University, since August 1998 "A. Avogadro" East Piedmont University, Alessandria branch, to study the factors that increased the natural mortality of venerid molluscs in the Adriatic sea (this research was supported by Ministry of Agricultural, Alimentary and Forestal Resource)
- Oct 1999 - Feb 2000**
5 months
full-time
Firm training
Company: PERNIGOTTI S.p.A., Novi Ligure (Alessandria), Italy, in Quality Control Laboratory
- Feb 2000 - May 2000**
4 months
full-time
Teaching
Institute: CENTRO STUDI "ALEXANDRIA", Spalto Borgoglio 59, Alessandria, Italy
- Mar 2000 - Jun 2000**
600 hours
Post-lauream specialization course for "ORGANIZATIONAL PLANNING TECHNICIAN"
inclusive of a firm training in the Company LA CENTRALE DEL LATTE DI ALESSANDRIA E ASTI, Viale Massobrio 10/12, Alessandria, Italy, in Quality Control Laboratory (200 hours)
Institute: Turin Polytechnic, Alessandria branch, Italy
- Oct 2000 - Dec 2000**
3 months
full-time
Science teaching
Institute: "D. R. Saluzzo", Liceo Linguistico - Sociopsicopedagogico - Scienze Sociali - Classico, via Faà di Bruno 85, Alessandria, Italy
- 19 - 24 Nov 2001**
Scientific support in "Training course on Biomarker Evaluation", Genova University, Centro Interuniversitario di Ricerca su Biologia e Chimica dei Metalli in Traccia, in collaboration with Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, UNEP-MAP Reference Center for quality assurance
- 2000 - 2001**
Scientific collaboration with Agenzia Regionale per la Protezione dell'Ambiente del Piemonte (ARPAP), Alessandria University and Alessandria Province, c/o Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, to apply biomarkers analyses in biomonitoring program of Bormida and Scrivia rivers
- 09 - 15 Mar 2002**
full-time
Research collaboration with Natural Environment Research Council (NERC) Plymouth Marine Laboratory (Plymouth), United Kingdom, c/o the lab of Dr. David Lowe, to learn about gonads of marine mussel *Mytilus edulis*
- 15 - 20 Oct 2002**
full-time
Research collaboration with Akvamiljø, Aquatic Environment Research Centre, RF - Rogaland Research (Stavanger), Norway, c/o the lab of Dr. Odd Ketil Andersen, to do activities concerning Biological Effects of Environmental Pollution in marine coastal ecosystems (BEEP) research program

1998 - 2004

Scientific collaboration

(in the course of Post-lauream apprenticeship, Grant for scientific-teaching collaboration, Research doctorate, Research contract)

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, to train students in laboratory for their degree thesis

2003 - 2004

Scientific collaboration

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, in association with Istituto Nazionale per la Ricerca sul Cancro (IST) and Agenzia Regionale per la Protezione dell'Ambiente della Liguria (ARPAL), to study the biological effects of pollution on marine organisms in the Ligurian Sea (Italy) due to the Haven Oilship sinking (this project has been granted by Regione Liguria (Dipartimento Ambiente e Territorio, Ufficio Ambiente Marino e Costiero)

Dec 2002 - May 2003

*6 months
full-time*

Collaboration contract

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, to apply biomarkers analyses in several bioindicators, in particular a freshwater bivalve, *Unio pictorum*, and a earthworm, *Lumbricus rubellus*

Jul 2003 - Nov 2003

*5 months
full-time*

Collaboration contract

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, to study the development stages of the *Unio pictorum* freshwater bivalve gonads

10-11 Jun 2004

Teaching

Course of "Digital imaging in scientific-health field" for Doctors, Biologists and Veterinarians, organized c/o in Faculty of Veterinary Medicine in Grugliasco (Torino), in collaboration with **Nikon**

Dec 2003 - Jul 2004

*8 months
full-time*

Research contract

Biology area

Research Program: "Development of new cytochemical biomarkers in invertebrates to evaluate effect of pollutants"

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, since January 2004 Department of Environmental and Life Sciences (DiSAV), "A. Avogadro" East Piedmont University, Alessandria

Jan 2005 - Jul 2005

*7 months
part-time*

Collaboration contract

Institute: II^a Faculty of Physical, Mathematics and Natural Sciences, "A. Avogadro" East Piedmont University, Alessandria branch, to create and apply informatic teaching aid for classroom and laboratory lessons

Oct 2005 - Feb 2006

*5 months
part-time*

Collaboration contract

Institute: Department of Environmental and Life Sciences (DiSAV), "A. Avogadro" East Piedmont University, Alessandria, to study cytochemical assays in new bioindicators of aquatic and earth environments

1998 - 2006

Scientific collaboration

Institute: Department of Science and Advanced Technology (DiSTA), "A. Avogadro" East Piedmont University, Alessandria branch, since January 2004 Department of Environmental and Life Sciences (DiSAV), "A. Avogadro" East Piedmont University, Alessandria to organize and carry out seminars and practices in laboratory for course of Cytochemistry and Istochemistry, Microscopic Anatomy, Cell Biology (subject Comparative Anatomy and Cytology) and Monitoring Systems

Sep 2006 - Oct 2006

*2 months
part-time*

Collaboration contract

Institute: Department of Environmental and Life Sciences (DiSAV), "A. Avogadro" East Piedmont University, Alessandria, to develop immunocytochemical techniques in bioindicators to evaluate the bio-availability and the toxicity of dioxins accumulated in soils

Jan 2007 – Jan 2010
3 years
full-time

Cytochemistry laboratory technician (fixed-term contract)

Institute: Department of Environmental and Life Sciences (DiSAV), "A. Avogadro" East
Piedmont University, Alessandria

SEMINARS AND TRAINING COURSES

Pavia (Italy), 15th-16th June 1998, Istituto di Genetica Biochimica ed Evoluzionistica, Consiglio Nazionale delle Ricerche: Theoretical-practical seminar

"Aspetti innovativi per l'analisi di campioni fluorescenti, chemifluorescenti e chemiluminescenti in biologia",
organized by **Bio-Rad Laboratories**

Alessandria (Italy), 19th-20th March 1999, Sala Convegni della Provincia: Meeting

"Gestione ambientale: le necessarie interazioni tra Università, ARPA, Industria e Provincia di Alessandria",
organized by **Assessorato Tutela e Valorizzazione Ambiente**

Arese (Milano, Italy), 20th-21st May 1999, Centro Tecnico: Theoretical-practical course

"La microscopia confocale: multifuorescenza e tridimensionalità", organized by **ZEISS**

Torino (Italy), 07th July 2000, Centro Congressi Torino Incontra

"Convegno Nazionale di Ecotossicologia", organized by **Associazione Ambientalista KRONOS**

Genova e Alessandria (Italy), 25th-29th September 2000, Centro Interuniversitario di Chimica e Biologia dei Metalli in Traccia (Università di Genova) e Dipartimento di Scienze e Tecnologie Avanzate (Università del Piemonte Orientale di Alessandria)

"Training Course on Biomarker Evaluation", organized by **UNEP-MAP Reference Center for Quality Assurance**

Alessandria (Italy), 11th-17th February 2001, Sala Convegni della Provincia

1^a Scuola Nazionale Residenziale Siti Contaminati, "AZIONI DI BONIFICA E CONTROLLO AMBIENTALE", organized by
Facoltà di Scienze M.F.N. - Dipartimento di Scienze e Tecnologie Avanzate dell'Università degli Studi del Piemonte Orientale di Alessandria

Alessandria (Italy), 22nd November 2006, Sala Consiglio dell'Unione Industriale della provincia di Alessandria: Technical seminar

"Disposizioni per la messa in servizio ed utilizzazione delle attrezzature a pressione - D.M. 329 del 01/12/2004",
organized by **ISPESL DIPARTIMENTO TERRITORIALE DI ALESSANDRIA e ARPA ALESSANDRIA**

Vercelli (Italy), 23rd-26th January 2007, Sala Consiglio del Rettorato dell'Università degli Studi del Piemonte Orientale: Training course

on "Competenze comuni – salute e sicurezza" for technicians c/o University Athenaeum, organized by
Amministrazione dell'Università degli Studi del Piemonte Orientale

Alessandria (Italy), 07th-14th-22nd-28th May and 01st-05th-11th-15th-18th-22nd June 2007, Laboratorio Informatico AL.EX. della Facoltà di Scienze Politiche dell'Ateneo – Palazzo Borsalino ad Alessandria: Training course

of *Advanced Computer Science – I edition*, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**

Alessandria (Italy), 14th-30th November 2007, Facoltà di Scienze M.F.N. dell'Università degli Studi del Piemonte Orientale: Training course

for technicians c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**

Alessandria (Italy), 28th-29th September 2009, Facoltà di Scienze M.F.N. dell'Università degli Studi del Piemonte Orientale: Training course

"Statistica per le Scienze Ambientali" for technicians c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**

Arese (Milano, Italy), 12th-13th July 2011, Conference Room c/o Carl Zeiss S.p.A.: Workshop of Advanced Microscopy

"L'ultima frontiera nella microscopia Carl Zeiss", organized by **ZEISS**

- Alessandria (Italy), 02nd-03rd April 2012, Department of Science and Technological Innovation dell'Università degli Studi del Piemonte Orientale: Training course**
 Refresher training course "Sicurezza e salute nei laboratori" for technicians c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Milano (Italy), 22nd November 2012, CIMA – Centro Interdipartimentale Microscopia Avanzata (Università degli Studi di Milano): Splication workshop**
 "IMARIS: Analisi quantitativa delle immagini", organized by **Immagini & Computer Snc**
- Alessandria (Italy), 24th-29th January 2013, Department of Science and Technological Innovation dell'Università degli Studi del Piemonte Orientale: Training course**
 "Introduzione al linguaggio di scripting PERL" for technicians c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Alessandria (Italy), 08th-29th April 2014, Department of Science and Technological Innovation dell'Università degli Studi del Piemonte Orientale: Training course**
 "Proteine" del corso di "Proprietà Chimico-Biologiche e Qualità degli Alimenti", Prof. Giorgio Calabrese, for technicians c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Alessandria (Italy), 13th November 2015, Department of Humanities, Università degli Studi del Piemonte Orientale: Training course**
 "Trasparenza, anticorruzione e codice di comportamento", teacher Prof. Racca Gabriella Margherita, for technical and administrative staff c/o University Athenaeum, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Alessandria (Italy), 22nd April 2016, Department of Science and Technological Innovation (DiSIT) dell'Università degli Studi del Piemonte Orientale: Zeiss Workshop**
 "Corso di Microscopia a Fluorescenza e Confocale", organized by **ZEISS**
- Alessandria (Italy), Università degli Studi del Piemonte Orientale: Specific online training course for technical personnel exposed to Chemical/Biological Hazard - 8 hours, Final Verification of Learning 16th June 2016**
 "2016 - Formazione Specifica in tema di sicurezza nei laboratori chimici e biologici", Dr. Valerio Marinucci, Health and Safety Manager, as teacher e Dr. Sonia Mastella as tutor, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Vercelli (Italy), 07th December 2016, Rectorate Conference Room: Refresher training course - 7 hours**
 "Il Mercato Elettronico della Pubblica Amministrazione con il nuovo codice degli appalti (D.Lgs. 50/2016)", teacher Ing. Francesco Porzio, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Torino (Italy), 16th-30th May and 06-13-20th June 2017, Politecnico di Torino: Training course - 40 hours**
 "L'indagine ambientale e il rischio biologico nell'ambiente di lavoro", organized by **Politecnico di Torino (INPS – PROGETTO VALORE P.A.)**
- Vercelli (Italy), 11th May 2018, Rectorate Conference Room: Practical training course - 5 hours**
 "La nuova piattaforma MePA dopo le modifiche introdotte a febbraio 2018", teacher Avv. Roberta Bertolani, organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**
- Alessandria (Italy), 04th December 2018, Room 302 del Department of Science and Technological Innovation (DiSIT), Università degli Studi del Piemonte Orientale: Training course**
 "Prevenzione del rischio chimico e biologico nei laboratori universitari: utilizzo in sicurezza dei dispositivi di protezione collettiva", teacher Dr. Paolo Parrello, organized by **OMICRON**
- Alessandria (Italy), 11th January 2018, Università degli Studi del Piemonte Orientale: Remote learning course**
 "Piano formativo anticorruzione 2017-2018", organized by **Amministrazione dell'Università degli Studi del Piemonte Orientale**

Alessandria (Italy), 15th January 2019, *Università degli Studi del Piemonte Orientale*: Remote learning course – Basic Section (4 hours) and Specialist Training Section

“Piano formativo anticorruzione 2018-2019”, organized by **Amministrazione dell’Università degli Studi del Piemonte Orientale**

Vercelli (Italy), 05th February 2019, *Sala delle Colonne*: Refresher training course – 4 hours

“«Software EasyRoom» per i key-user”, II edizione, organized by **Amministrazione dell’Università degli Studi del Piemonte Orientale**, teachers Dr. Montserrat Poch Valiente e Dr. Elisabetta Cogoi, consultants of the EasyStaff Company

Vercelli (Italy), 15th-16th May 2019, *Rectorate Conference Room*: Training course – 8 hours

“Software EasyRoom – Gestione Orari”, organized by **Amministrazione dell’Università degli Studi del Piemonte Orientale**, teacher Dr. Fabio De Cesco, consultant of the EasyStaff Company

Alessandria (Italy), *Università degli Studi del Piemonte Orientale*: La Notte dei Ricercatori

initiative promoted and co-financed by the European Commission, organized by **Dipartimento di Scienze e Innovazione Tecnologica (DiSIT)**

28th September 2007, Room 306, at Department of Science and Advanced Technology (DiSIT), A. Avogadro” East Piedmont University, Alessandria branch, as manager of the activity “Dal macro al micro, dal passato ad oggi” for the event Ed. II

26th September 2008, Room 306, as manager of the activity “Vita in una goccia d’acqua” for the event Ed. III

25th September 2009, Room 302, as manager of the activity “La luce e la vita” for the event Ed. IV

23th September 2011, Room 301, as manager of the activity “Citochimica e colture cellulari” for the event Ed. VI

28th September 2012, Room 302, as manager of the activity “Immagine e percezione” for the event Ed. VII

27th September 2013, II floor administration office area, as manager of the activity “I 4 elementi nel mondo animale” for the event Ed. VIII

26th September 2014, Room 301, as manager of the activity “Fenomeni microscopici sotto una diversa luce” for the event Ed. IX

25th September 2015, Room 302, as manager of the activity “Sherlock Holmes e il mistero del cibo” for the event Ed. X

30th September 2016, Room 303, as manager of the activity “Sulle tracce del... delitto in microscopia” for the event Ed. XI

27th September 2017, II floor, library side, as manager of the activity “Dimmi cosa mangi e ti dirò di dove sei...” for the event Ed. XII

28th September 2018, II floor, staircase side E, as manager of the activity “Paradoxon: microfotografia e microgravità” for the event Ed. XIII

27th September 2019, Room 206, as manager of the activity “Icecoring in Antartide e climate changes” for the event Ed. XIV

27th November 2020, on line mode, Ed. XV, as co-author of the following video activities:

- [“A noi non piace caldo” Maria Angela Masini, Valentina Bonetto, Flavia Capri](#)

- [“Eventi estremi in laboratorio per mitigare gli effetti dei cambiamenti climatici” Enrico Ferrero, Flavia Capri](#)

15th October 2021, blended mode, Ed. XVI, As co-author of the following video activity:

[“Microgravity Song” Maria Angela Masini, Valentina Bonetto, Flavia Capri](#)

30th September 2022, blended mode, Ed. XVII, co-author of the following video activity:

[“Animali: supereroi nel bene e nel male” Maria Angela Masini, Valentina Bonetto, Flavia Giusy Capri](#)

Novara (Italy), 09th-10th February 2023, *UPO-CAAD Centro per le malattie autoimmuni e allergiche* – 16 hours

“Corso di formazione sull’Imaging Confocale e Multifotone”, organized by **Leica**

ON LINE MODE, Training course on DIGITAL SKILLS for the PA, Project Syllabus - New skills for Public Administrations, issued by Department of Civil Service

- 19th August 2022, "Comunicare e condividere all'interno dell'amministrazione" (*initial test Advanced Level*)
<https://openbadges.bestr.it/public/assertions/YNoaDSGTTHG38F7EdYastw>
- 19th August 2022, "Conoscere le tecnologie emergenti per la trasformazione digitale" (*initial test Advanced level*)
https://openbadges.bestr.it/public/assertions/3YVRbck9TIKeN_cBdUp_tQ
- 12th September 2023, "Gestire dati, informazioni e contenuti digitali" (70 minutes)
https://openbadges.bestr.it/public/assertions/MGA9C9GCScaW9cxCDMgN_g
- 12th September 2023, "Proteggere i dispositivi" (122 minutes)
<https://openbadges.bestr.it/public/assertions/Hh5EMNKmTXqH5DkodI2lhQ>
- 13th September 2023, "Proteggere i dati personali e la privacy" (74 minutes)
<https://openbadges.bestr.it/public/assertions/eGlgKHMVRJmQ1XNCv3-5uA>
- 14th September 2023, "Produrre, valutare e gestire documenti informatici" (40 minutes)
https://openbadges.bestr.it/public/assertions/Jf2DL4y_TpWbMrNkBquNhg
- 16th September 2023, "Conoscere gli Open Data" (100 minutes)
<https://openbadges.bestr.it/public/assertions/d5MsO7GJRxG8wVUVRu8XBg>
- 16th September 2023, "Conoscere l'identità digitale" (60 minutes)
https://openbadges.bestr.it/public/assertions/s0drzTenOpqWBnbKkh_VYq
- 19th September 2023, "Conoscere gli obiettivi della trasformazione digitale" (100 minutes)
<https://openbadges.bestr.it/public/assertions/P85uqtr-QLeJrhJMtb9yLw>
- 19th September 2023, "Comunicare e condividere con cittadini, imprese ed altre PA" (190 minutes)
<https://openbadges.bestr.it/public/assertions/a6707jkrSSmpx4nJxww8ug>
- 19th September 2023, "Erogare servizi on-line" (100 minutes)
<https://openbadges.bestr.it/public/assertions/B86vNsaRSAS9KThI1I5qLQ>

CONGRESSES

1. **Cattolica (Rimini, Italy), 24th-28th September 1997: 58th Unione Zoologica Italiana (U.Z.I.) Congress**
poster: "Quantificazione citochimica dell'attività della Ca²⁺-ATPasi presente nella plasmamembrana delle cellule della ghiandola digestiva di mitilo, mediante analisi di immagine"
Evangelisti V., Pons G., Burlando B., **Capri F.**, Mozzone S., Viarengo A.
2. **San Benedetto del Tronto (Ascoli Piceno, Italy), 20th-24th September 1998: 59th Unione Zoologica Italiana (U.Z.I.) Congress**
poster: "Primi dati morfo-funzionali sulla ghiandola digestiva di *Chamelea gallina*"
Mozzone S., Pons G., Evangelisti V., **Capri F.**, Milanese A., Viarengo A.
3. **Camerino (Macerata, Italy), 02nd-05th June 1999: 28th Società Italiana di Istochimica (SII) National Congress**
 - poster: "Cytochemical quantification of the Alkaline-Phosphatase activity on embedded section in the *Salmo gairdneri* kidney"
Capri F., Pons G., Evangelisti V., Bussa A., Viarengo A.
 - poster: "Heavy metals effects on plasma membrane Ca²⁺-ATPase in digestive gland cells of *Mytilus galloprovincialis* Lam.: cytochemical quantification by image analysis"
Evangelisti V., Pons G., **Capri F.**, Poggi E., Bonomo M., Viarengo A.
4. **Anacapri (Napoli, Italy), 23rd-25th April 2001: 29th Società Italiana di Istochimica (SII) National Congress**
poster: "Cytochemical method to localize Ca²⁺-ATPase activity on embedded sections in freshwater bivalve cells"
Capri F., Eforo C., Pons G., Burlando B., Viarengo A.
5. **Plymouth (Devon, United Kingdom), 10th-13th July 2001: 11th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 11)**
poster: "Cytochemical quantification of heavy metal effects on the plasma membrane Ca²⁺-ATPase of the digestive gland cells of *Mytilus galloprovincialis* Lam."
Pons G., **Capri F.**, Evangelisti V., Burlando B., Bonomo M., Viarengo A.

6. **Belgirate (Verbano Cusio Ossola, Italy), 11th-13th September 2001: 3rd INCO Meeting, "Reduction of the chemical inputs by the use of beneficial rhizospheric bacteria"**
oral presentation: "Tomato root colonization by the PGPR *Pseudomonas fluorescens* A6RI"
 Gamalero E., **Capri F.**, Lemanceau P., Lingua G., Martinotti M. G. and Berta G.
7. **Sanremo (Imperia, Italy), 23rd-27th September 2001: 62nd Unione Zoologica Italiana (U.Z.I.) Congress**
oral presentation and poster: "Primo studio morfo-funzionale dell'apparato digerente di *Unio pictorum*"
Capri F., Eforo C., Madau R., Pons G., Viarengo A.
8. **Dijon (France), 26th-29th November 2001: 3^{ème} Colloque sur la Rhizosphère**
poster: "Analyse de la colonisation des racines de tomate par la souche bénéfique de *Pseudomonas fluorescens* A6RI"
 Berta G., Gamalero E., **Capri F.**, Lingua G., Lemanceau P. and Martinotti M. G.
9. **Vienna (Austria), 12th-16th May 2002: Society of Environmental Toxicology and Chemistry (SETAC) Europe 12th Annual Meeting**
poster: "Biomonitoring of Scrivia river using biological analyses and biomarkers"
 Mozzone S., Bisoglio P., Bonomo M., **Capri F.**, Malizia M., Poggi E., Ferrari S., Pons G., Viarengo A.
oral presentation: "Use of different approaches in the evaluation of the biological effects of pollutants in the Bormida river"
 Mozzone S., Bisoglio P., Bonomo M., **Capri F.**, Evangelisti V., Cossa G., Pons G., Viarengo A.
oral presentation: "Evaluation of the physiological status of *Chamelea gallina* using biomarkers"
 Mozzone S., **Capri F.**, Pons G., Fabbri R., Pampanin D. M., Viarengo A.
10. **Paris (France), 27th July-1 August 2002: Xth International Congress of Bacteriology and Applied Microbiology**
poster: "Characterization of primary tomato root colonization by the PGPR *Pseudomonas fluorescens* A6RI"
 Gamalero E., Lingua G., Fusconi A., **Capri F.**, Martinotti M. G., Lemanceau P., Berta G.
11. **Rende (Cosenza, Italy), 22nd-26th September 2002: 63rd Unione Zoologica Italiana (U.Z.I.) Congress**
poster: "Utilizzo di *Eisenia foetida* come bioindicatore del suolo"
Capri F., Gastaldi L., Pons G., Viarengo A.
12. **Athens (Greece), 07th-09th November 2002: Biological Effects of Environmental Pollution in marine coastal ecosystems (BEEP) Meeting Workshop**
poster: "Cytochemical biomarkers for a stress syndrome in *Mytilus galloprovincialis* Lam."
Capri F., Pons G., Berti E., Bonomo M., Viarengo A.
13. **Alessandria (Italy), 02nd-06th December 2002: 2^a Scuola Nazionale Residenziale Siti Contaminati, "ANALISI DEL RISCHIO ECOLOGICO: UN APPROCCIO EUROPEO"**
oral presentation: "Use of bioindicators/biomarkers and bioassays in soil ERA"
 Gastaldi L., Berti E., **Capri F.**, Oliveri C., Dagnino A., Pons G., Viarengo A.
oral presentation: "ERA in freshwater ecosystems"
Capri F., Berti E., Bonomo M., Poggi E., Malizia M., Pons G., Viarengo A.
14. **Varese (Italy), 21st-25th September 2003: 64th Unione Zoologica Italiana (U.Z.I.) Congress**
 - oral presentation and poster: "Studio immunocitochimico di attività enzimatiche in *Unio pictorum*"
Capri F., Pons G., Guasco C., Casonato A., Viarengo A.
 - oral presentation and poster: "Ca²⁺-ATPasi di plasmamembrana come biomarker di stress in *Lumbricus rubellus*"
 Gastaldi L., Ranzato E., **Capri F.**, Pons G., Viarengo A.
15. **Calicut (India), 05th-10th October 2003: 6th International Workshop on Plant Growth Promoting Rhizobacteria**
poster: "Spatio-temporal pattern of root colonization by *Pseudomonas fluorescens* A6RI as studied by different methodological approaches"
 Gamalero E., Lingua G., **Capri F.**, Fusconi A., Berta G., Lemanceau P.

16. **Barcelona (Spain), 04th-06th December 2003: Biological Effects of Environmental Pollution in marine coastal ecosystems (BEEP) Final Meeting**
oral presentation: "Development of novel biomarkers of stress: alterations of cell signaling induced by organic and inorganic pollutants"
 Burlando B., Bonomo M., Berti E., **Capri F.**, Dondero F., Viarengo A.
17. **Alessandria (Italy), 14th-18th December 2003: 22nd European Society for Comparative Physiology and Biochemistry (ESCPB) Annual Conference**
- poster: "Application of immunocytochemical techniques to evaluate pollutants effects on tyrosine kinase signalling in different tissues of *Mytilus spp.*"
Capri F., Pons G., Burlando B., Viarengo A.
 - poster: "Use of genetic markers in the endangered freshwater crayfish *Austropotamobius pallipes*"
 Negri A., **Capri F.**, Dondero F., Viarengo A., Malacarne G.
 - poster: "In vivo effects of Hg²⁺ and Cu²⁺ on the plasma membrane Ca²⁺-ATPase of the mussel *Mytilus galloprovincialis*"
 Bonomo M., **Capri F.**, Burlando B., Mancinelli G., Pons G., Dondero F., Viarengo A.
 - poster: "Earthworm ecotoxicology: a first application of a biomarker battery on the toxicity of contaminated soils"
 Ranzato E., Gastaldi L., Bernardi A., Dagnino A., **Capri F.**, Pons G., Viarengo A.
 - oral presentation: "Use of the earthworm *Lumbricus rubellus* as bioindicator: development of a biomarker battery"
 Gastaldi L., Ranzato E., **Capri F.**, Dagnino A., Pons G., Viarengo A.
18. **Alessandria (Italy), 15th April 2004: Convegno della Provincia di Alessandria, "Interventi ambientali sul territorio alessandrino"**
oral presentation: "Valutazione del rischio ecologico: utilizzo del crostaceo ostracode *Heterocypris incongruens* su sedimenti fluviali e terreni contaminati"
 Oliveri C., Guiotto C., Facondini L., **Capri F.**, Ferrari S., Viarengo A.
19. **Prague (Czech Republic), 18th-22nd April 2004: Society of Environmental Toxicology and Chemistry (SETAC) Europe 14th Annual Meeting**
oral presentation: "A biomarker battery for evaluating stress syndrome on earthworm *Lumbricus rubellus*"
 Ranzato E., Gastaldi L., Bernardi A., Dagnino A., **Capri F.**, Pons G., Viarengo A.
poster: "Use of wild and caged oysters (*Ostrea edulis*) for the evaluation biological effects of environmental pollution in the Haven oilship sinking area (ligurian sea)"
 Viarengo A., Malizia M., Poggi E., Pampanin D. M., Bolognesi C., **Capri F.**, Bertolotto R.
20. **Cesenatico (Italy), 23rd-26th September 2004: 23rd European Society for Comparative Physiology and Biochemistry (ESCPB) Annual Conference**
poster: "Effects of endocrine disrupters on Ca²⁺ homeostasis in *Mytilus*"
 Canesi L., Marchi B., Mancinelli G., Fabbri R., **Capri F.**, Viarengo A., Gallo G.
21. **Torino (Italy), 13rd-14th May 2005: II Convegno di Ecotossicologia, "Bioindicatori ed organismi sentinella: nuove frontiere per valutare e controllare lo stato di salute dell'ambiente e dell'uomo"**
oral presentation: "Sviluppo di una batteria di biomarker per valutare la sindrome da stress nel verme *Lumbricus rubellus*"
 Ranzato E., Gastaldi L., Dagnino A., **Capri F.**, Pons G., Viarengo A.
22. **Alessandria (Italy), 19th-22nd June 2005: 13th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 13)**
oral presentation: "Assessing the occurrence of a stress syndrome in marine mussels by a gene expression/biomarker combined approach"
 Dondero F., Dagnino A., **Capri F.**, Jonsson H., Oliveri C., Gastaldi L., Pons G., Viarengo A.
poster: "Estrogenic effects of 17- α -estradiol and 4-n-nonylphenol in sexually differentiated male and female mussels (*Mytilus galloprovincialis*)"
 Pampanin D. M., Volpato E., Marangon I., Gomiero A., **Capri F.**, Viarengo A., Nasci C.
23. **Torino (Italy), 12th-14th September 2005: XV Società Italiana di Ecologia (SItE) National Congress**
oral presentation: "A biomarker battery for evaluating stress syndrome on earthworms exposed to contaminated soils"
 Gastaldi L., Ranzato E., **Capri F.**, Pons G., Viarengo A.

24. **Bellaria (Rimini, Italy), 29th September-01 October 2005: XVIII Ordine Nazionale dei Biologi International Congress, "Sicurezza alimentare, Rischio biologico e chimico, Certificazione integrata, Biomonitoraggio ambientale"**
poster: "Applicazione di tecniche di biomonitoraggio per la valutazione dello stato di qualità ambientale di un'area marina ad elevato valore naturalistico"
 Calaresu G., Orrù A., Chessa G., Berti E., Fiori G., Bonomo M., Urgeghe P.P., **Capri F.**, Gastaldi L., Dagnino A., Dondero F., Viarengo A.
25. **The Hague (The Netherlands), 07th-11th May 2006: Society of Environmental Toxicology and Chemistry (SETAC) Europe 16th Annual Meeting**
poster: "Ecological risk assessment in the L.IN.F.A. project: the use of a biomarker battery in earthworms (*Eisenia spp.*)"
 Gastaldi L., Ranzato E., Dagnino A., **Capri F.**, Torrielli S., Pons G., Viarengo A.
26. **Viterbo-Civitavecchia (Italy), 19th-22nd September 2006: XVI Società Italiana di Ecologia (SItE) National Congress**
poster: "Utilizzo di un sistema integrato di biomonitoraggio delle acque mediante organismi sentinella e test tossicologici"
 Torrielli S., Oliveri C., **Capri F.**, Gastaldi L., Dondero F., Pons G., Viarengo A.
poster: "Variazione dei profili di espressione genica proteica e metabolica in *Mytilus galloprovincialis* esposto a Ni e Clorpyrifos: adattamenti molecolari alle condizioni di stress"
 Dondero F., Boatti L., Pesce G., Magnelli V., Marsano F., Gastaldi L., Jonsson H., **Capri F.**, Pons G., Torrielli S., Griffin J., Viarengo A.
27. **Porto (Portugal), 20th -24th May 2007: Society of Environmental Toxicology and Chemistry (SETAC) Europe 17th Annual Meeting**
poster: "An integrative approach assessing freshwater toxicity"
 Torrielli S., Oliveri C., **Capri F.**, Gastaldi L., Dondero F., Pons G., Viarengo A.
poster: "An expert system assessing pollutant-induced stress syndrome in the earthworm *Eisenia andrei*"
 Gastaldi L., Dagnino A., **Capri F.**, Torrielli S., Pons G., Viarengo A.
28. **Alessandria (Italy), 09th -11th May 2008: XVIII CONVEGNO Gruppo per l'Ecologia di Base "G. Gadio", "Un mondo che cambia: successioni ecologiche, invasioni biologiche ed alterazioni antropiche"**
oral presentation and poster: "Valutazione degli effetti delle sostanze chimiche utilizzate quali diserbanti nelle risaie o impiegati nella lotta contro le zanzare"
 Torrielli S., Boatti L., **Capri F.**, Dagnino A., Dondero F., Marsano F., Negri A., Oliveri C., Viarengo A.
29. **Parma (Italy), 01st -03rd September 2008: XVIII Congresso Nazionale della Società Italiana di Ecologia (SItE)**
oral presentation: "Utilizzo di un Sistema Esperto di integrazione dei dati di biomarker molecolari, cellulari e tissutali sul verme terrestre *Eisenia andrei* per la valutazione della qualità di suoli"
 Sforzini S., Dagnino A., Negri A., Gastaldi L., Ranzato E., **Capri F.**, Viarengo A.
poster: "Valutazione della sindrome di stress indotta da diossine sul verme terrestre *Eisenia andrei* mediante l'uso di un Sistema Esperto di integrazione dei dati di biomarker molecolari, cellulari e tissutali"
 Sforzini S., Dagnino A., **Capri F.**, Ranzato E., Negri A., Gastaldi L., Viarengo A.
30. **Ravenna (Italy), 07th -11th September 2008: 25th Congress of the new European Society of Comparative Biochemistry and Physiology (ESCPB)**
oral presentation: "Effects of the organophosphate pesticide Chlorpyrifos on the responses of *Mytilus* digestive gland to the natural estrogen 17 β -Estradiol"
 Canesi L., Borghi C., Gallo G., **Capri F.**, Viarengo A., Dondero F.
31. **Cagliari (Italy), 17th -19th September 2008: 59th Congresso Nazionale della Società Italiana di Fisiologia (SIF)**
oral presentation: "Effects of 17 β -Estradiol on gene expression in molluscan hepatopancreas"
 Canesi L., Borghi C., Vergani L., Fabbri R., Dondero F., **Capri F.**, Viarengo A., Gallo G.

32. **Senigallia (Ancona, Italy), 22nd -25th September 2008: 69° Congresso Unione Zoologica Italiana (U.Z.I.)**
oral presentation and poster: "Valutazione della qualità di suoli di aree soggette a differenti sorgenti di impatto antropico mediante l'utilizzo del verme terrestre *Eisenia andrei*"
Capri F., Sforzini S., Negri A., Dagnino A., Pons G.
33. **Göteborg (Sweden), 31st May–04th June 2009: Society of Environmental Toxicology and Chemistry (SETAC) Europe 19th Annual Meeting**
poster: "The use of biomarkers to evaluate the level of diodi-induced stress syndrome in the earthworm *Eisenia andrei*"
 Sforzini S., Dagnino A., **Capri F.**, Negri A., Bolognesi C., Viarengo A.
34. **Alessandria (Italy), 29th June-01st July 2009: 5^a Scuola Nazionale Residenziale Siti Contaminati, "MONITORAGGIO E BONIFICA DEI SITI CONTAMINATI. RIDUCIAMO L'INQUINAMENTO AMBIENTALE: APPLICHIAMO IL REACH"**
oral presentation: "Test di screening che utilizza il verme *Eisenia andrei* per la valutazione della tossicità dei suoli"
 Sforzini S., Dagnino A., Saggese I., Negri A., **Capri F.**, Viarengo A.
32. **Alessandria (Italy), 05th-09th September 2010: 27th Congress of the newEuropean Society of Comparative Biochemistry and Physiology (ESCPB)**
poster: "Application of a biomarker-transcriptomics approach utilizing mussels in the evaluation of the water quality in a marine coastal area of Medio Campidano (Sardinia, Italy)"
 Negri A., Dondero F., Dagnino A., Boatti L., Sforzini S., **Capri F.**, Oliveri C., Viarengo A., Chessa L.A.
oral presentation: "Sub-lethal effects of copper combined with temperature stress in the marine mussel *Mytilus galloprovincialis*"
 Dagnino A., Sforzini S., Boatti L., **Capri F.**, Oliveri C., Negri A., Dondero F., Viarengo A.
33. **Roma (Italy), 27th-30th September 2010: XX Società Italiana di Ecologia (SItE) National Congress**
poster: "Application of a biomarker-transcriptomics approach utilizing mussels in the evaluation of the water quality in a marine coastal area of Medio Campidano (Sardinia, Italy)"
 Negri A., Dondero F., Dagnino A., Boatti L., Sforzini S., **Capri F.**, Oliveri C., Viarengo A., Chessa L.A.
34. **Glasgow (Scotland), 01st-04th September 2014: 29th Congress of the newEuropean Society of Comparative Biochemistry and Physiology (ESCPB)**
poster: "Use of immunohistochemical, biochemical and transcriptomic data in the evaluation of the health status of marine mussels"
 Sforzini S., Gomiero A., Chessa G., Orrù A., Sanna A., Usai M.G., Oliveri C., Marsano F., Boeri M., Capri F., Viarengo A., Banni M.
35. **Ferrara (Italy), 15th-17th September 2014: XXIV Società Italiana di Ecologia (SItE) National Congress**
poster: "Use of immunohistochemical, biochemical and transcriptomic data in the evaluation of the health status of marine mussels"
 Viarengo A., Sforzini S., Gomiero A., Chessa G., Orrù A., Sanna A., Usai M.G., Oliveri C., Marsano F., Boeri M., Capri F., Banni M.
36. **Livorno (Italy), 12th-14th November 2014: 6° Edizione Giornate di studio "Emergenza ambiente: l'ecotossicologia come strumento di gestione", Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA)**
poster: "Problematiche ambientali e possibili effetti biologici negli animali: determinazione di biomarker di stress in mitili (*Mytilus galloprovincialis*) stabulati durante un'attività di biomonitoraggio nel nord Sardegna"
 Orrù A., Chessa G., Usai G., Fois P., Sanna A., Capri F., Sforzini S., Viarengo A.
37. **Rimini (Italy), 03rd November 2015: Ecomondo-SETAC Italian Branch, Convegno: «Monitoraggio e controllo dei microinquinanti prioritari nelle acque e tecniche di rimozione negli impianti di trattamento delle acque destinate al consumo umano e delle acque reflue»**
poster: "Use of immunohistochemical, biochemical and transcriptomic data in the evaluation of the health status of marine mussels"
 Viarengo A., Sforzini S., Orrù A., Oliveri C., Capri F., Banni M.

1. Viarengo A., Pons G., Fabbri R., Mozzone S., Evangelisti V., **Capri F.** "Valutazione dello stato fisiologico di *Chamelea gallina* mediante l'uso di biomarkers", *Biologia Marina Mediterranea*. 1998, Vol. 5, Issue 3: 1090-1101 (ISSN 1123-4245)
2. Pons G., Evangelisti V., **Capri F.**, Mozzone S., Viarengo A. "Cytochemical localization and quantification of plasma membrane Ca²⁺-ATPase activity in mollusc digestive gland cells", *Eur. J. Histochem.* 2002, Vol. 46:31-40, Part 1 (ISSN 1121-760X, PMID:12044046)
3. Gamalero E., Lingua G., **Capri F.**, Fusconi A., Berta G., Lemanceau P. "Colonization pattern of tomato primary roots by *Pseudomonas fluorescens* A6RI characterized by dilution plating, flow cytometry, confocal, fluorescence and scanning electron microscopy", *Federation of European Microbiological Societies (FEMS) Microbiology Ecology*. 2004, Vol. 48, 79-87 (ISSN 0168-6496, doi:10.1016/j.femsec.2003.12.012)
4. Burlando B., Bonomo M., **Capri F.**, Mancinelli G., Pons G., Viarengo A. "Different effects of Hg²⁺ and Cu²⁺ on mussel (*Mytilus galloprovincialis*) plasma membrane Ca²⁺-ATPase: Hg²⁺ induction of protein expression", *Comp Biochem Physiol Part C: Toxicol Pharmacol.* 2004 December, 139(4):201-207 (ISSN 1532-0456, doi:10.1016/j.cca.2004.11.001)
5. Dondero F., Dagnino A., Jonsson H., **Capri F.**, Gastaldi L., Viarengo A. "Assessing the occurrence of a stress syndrome in mussels (*Mytilus edulis*) using a combined biomarker/gene expression approach", *Aquatic Toxicology*. 2006 June, 78(1):S13-S24 (ISSN 0166-445X, doi:10.1016/j.aquatox.2006.02.025)
6. Gastaldi L., Ranzato E., **Capri F.**, Hankard P., Pérès G., Canesi L., Viarengo A., Pons G. "Application of a biomarker battery for the evaluation of the sublethal effects of pollutants in the earthworm *Eisenia andrei*", *Comp Biochem Physiol C Toxicol Pharmacol.* 2007 September, 146 (3):398-405 (ISSN 1532-0456, doi:10.1016/j.cbpc.2007.04.014)
7. Canesi L., Borghi C., **Capri F.**, Gallo G., Viarengo A., Dondero F. "Effects of the organophosphate pesticide Chlorpyrifos on the responses of *Mytilus* digestive gland to the natural estrogen 17β-Estradiol", *Comp Biochem Physiol A: Molecular & Integrative Physiology*. 2008 September, 151 (1):S3 (ISSN 1095-6433, doi:10.1016/j.cbpa.2008.05.047)
8. Canesi L., Marchi B., Mancinelli G., Fabbri R., **Capri F.**, Dondero F., Viarengo A. "Can endocrine disrupters interfere with Ca²⁺ homeostasis in invertebrate cells?", *J Biol Res.* 2010, 33, 1-7 (ISSN: 1790-045X)
9. Orrù A., Berti E., Bonomo M., Calaresu G., **Capri F.**, Chessa G., Dagnino A., Dondero F., Sechi F., Viarengo A. "Indagine preliminare sulla valutazione del livello di esposizione dei prodotti della pesca alla contaminazione ambientale mediante analisi degli indici di stress", *Atti del Workshop Nazionale di RICERCHE DI EPIDEMIOLOGIA AMBIENTALE VETERINARIA: STATO DELL'ARTE E TENDENZE EMERGENTI*, 3-4 Maggio 2004, Istituto Superiore di Sanità, Roma (in press)
10. Negri A., Dondero F., Dagnino A., Boatti L., Sforzini S., **Capri F.**, Oliveri C., Viarengo A., Chessa L. "Application of a biomarker-transcriptomics approach utilizing mussels in the evaluation of the water quality in a marine coastal area of Medio Campidano (Sardinia, Italy)" *Comparative Biochemistry and Physiology. Part A: Molecular & Integrative Physiology*, 2010, Vol. 157 (Supplement 1), p. S25-S25 (eISSN 1531-4332, doi: 10.1016/j.cbpa.2010.06.072)
11. Avidano L., Bona E., Copetta A., Gamalero E., Massa N., Todeschini V., Bo T., Fenoglio S., Boatti L., **Capri F.**, Dagnino A., Dondero F., Negri A., Oliveri C., Oliveri L., Saggese I., Sforzini S., Vigani D., Berta G., Malacarne G., Viarengo A. "Valutazioni ecotossicologiche: analisi del rischio ambientale" *Diossine, furani e policlorobifenili. Indagine ambientale nella Regione Campania*. ISPRA, Quaderni e Laboratorio, p. 496 n. 1/2012 (ISBN 978-88-448-0479-4)
12. Bouraoui Z., Ghedira J., **Capri F.**, Chouba L., Boussetta H. "Cytochemical responses of Hediste diversicolor (Nereidae, Polychaete) sampled from polluted sites along the Tunisian coast" *Journal of Integrated Coastal Zone Management* 14(1):119-127, 2014 (eISSN 1646-8872, doi: 10.5894/rgci480)
13. Bonetto V., Magnelli V., Sabbatini M., **Capri F.**, van Loon J.J.W.A., Tavella S., Masini M.A. "The importance of gravity vector on adult mammalian organisms: Effects of hypergravity on mouse testis" *PLoS ONE* 18(9), e0282625, <https://doi.org/10.1371/journal.pone.0282625>

LANGUAGES

Good knowledge of English language

COMPUTER KNOWLEDGES

Good knowledge of the following software: Microsoft Word, Excel, Access, Outlook, Publisher, Power Point, CorelDRAW, Paint Shop Pro 7, imaging programs, browsing programs (Netscape, Internet Explorer, Eudora), image analysis programs (Scion Image, Imaris 3.0, Axio Vision 2.0.5, LSM 510 (Laser Scanning Microscope) 2.01), statistic programs (Systat 8.0), web development tools in Windows 9x, NT, 2000, Me and Macintosh Operative Systems

Use of scanners, CD data recorders and related software

HOBBIES & SPORTS

Hobbies: drawing and photography also digital

Sport: basket, swimming

TIPS

- ♦ entered for Employment Agency of Alessandria since 09th April 1997
- ♦ in possession of type B driving license