



# Claudia Dalmastri

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**Date of birth:** 24/01/1962 **Nationality:** Italian

## ABOUT ME

Researcher at ENEA, microbiologist with experience in Environmental microbiology and currently involved in environmental epidemiology

## WORK EXPERIENCE

[ 31/05/2020 – Current ]

### Senior researcher

**Italian National Agency for New Technologies, Energy and Sustainable Economic Development, ENEA**

**City:** Rome

**Country:** Italy

Scientific research activities in **environmental epidemiology**: epidemiologic studies and risk assessment investigation to assess health impact of climate change and air pollution in present and future scenarios.

[ 30/11/1993 – 30/05/2020 ]

### Researcher

**ENEA, Research Center Casaccia**

**City:** Rome

**Country:** Italy

Research activities in:

**Environmental microbiology**: characterization and typing of rhizosphere/soil and clinical bacteria, microbial population biodiversity and structure in natural habitats; plant growth promotion and biocontrol

Opportunistic pathogens and bacteria-host interactions; microbiome in cystic fibrosis.

Assessment of food bacterial contamination.

Identification of antibiotic-producing microbial strains.

[ 31/01/2011 – 30/11/2018 ]

### Researcher

**ENEA, Research Center Casaccia**

**City:** Rome

**Country:** Italy

Research activity in DNA nanostructures.

[ 31/01/1990 – 30/11/1993 ]

### Researcher

**ENEA, Research Center Casaccia**

**City:** Rome

**Country:** Italy

Research activities in Plant molecular biology: Light-regulated transcription factors in tomato and *Arabidopsis thaliana*

[ 15/06/1988 – 31/01/1990 ]

### Researcher

#### *ENEA, Research Center Casaccia*

**City:** Rome

**Country:** Italy

Research activities in Invasive bacterial strains as gene vectors

[ 1985 – 1987 ]

### Fellowship

#### *EniChem-University of Cagliari*

**City:** Cagliari

**Country:** Italy

Project of Microbial desulphurization of coal, Department of Mining Engineering of University of Cagliari-EniChemAnic. Fellowship, Contract n° EN 3F-0061-I(A). Research in: selection of bacterial strains for microbial desulphurization of coal. Activity carried out in the Institute of Microbiology, University of Rome "La Sapienza".

[ 1984 – 1985 ]

### Research contract

#### *Amet Society sas and ENEA Research Centre Casaccia*

**City:** Rome

**Country:** Italy

Progetto Finalizzato Energetica PFE-CNR-ENEA for Biochemical leaching of bituminous coal with high sulfur content. Amet sas. Research activity: selection of bacterial strains for application in coal desulphurization. activity carried out ENEA R. C. Casaccia.

[ 2017 – Current ]

### Adjunct professor

#### *University Roma Tre*

**City:** Rome

**Country:** Italy

Academic Year 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024. Adjunct professor in **Microbiology and food hygiene** - Module I, Degree Course in Sciences and Food-Wine culture (SSD:AGR/16), Department of Science, University Roma Tre. Position awarded through competition. Classroom and online lessons and laboratory exercises.

[ 2016 – 2020 ]

### Adjunct professor

#### *University Roma Tre*

**City:** Rome

**Country:** Italy

Academic years 2016-2017, 2017-2018, 2018-2019, 2019-2020. TAdjunct professor in **Environmental Microbiology** (BIO/19), Master's degree course in "Biodiversity and ecosystem management" (also valid for the Master's degree in "Biology for molecular, cellular and pathophysiological research"). Position awarded through competition. Classroom and online lessons and laboratory exercises

[ 2017 – 2019 ]

### Adjunct professor

#### *Universiy la Tuscia, Viterbo*

**City:** Viterbo

**Country:** Italy

Academic Years 2017-2018, and 2018-2019. Adjunct professor in **Agriculture Microbiology** (SSD:AGR/16), Degree in: Food and Wine Technologies, DIBAF, la Tuscia University, Viterbo. Classroom and online lessons and laboratory exercises.

[ 2016 – 2017 ] **Adjunct professor**

**University la Tuscia**

**City:** Viterbo

**Country:** Italy

Academic Year 2016-2017. Adjunct professor in **Agro-food Microbiology** (SSD:AGR/16), Degree in: Food and Wine Technologies, DIBAF, la Tuscia University, Viterbo. Classroom and online lessons and laboratory exercises.

[ 2013 – 2016 ] **Adjunct professor**

**University la Tuscia**

**City:** Viterbo

**Country:** Italy

Academic Years 2013-2014; 2014-2015; 2015-2016. Adjunct professor in **Agro-environmental, food and wine Microbiology** (SSD:AGR/16), Degree in: Food and Wine Technologies, BSc, Department for Innovation in Biological Systems, Food and Forestry (DIBAF), la Tuscia University, Viterbo. Classroom and online lessons and laboratory exercises. Agreement La Tuscia - ENEA.

[ 01/2020 – 03/2021 ] **Adult education teacher**

**Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile, ENEA**

**City:** Rome

**Country:** Italy

Lessons for the Teacher Training Project National Training Plan 2019/2021. Ambito 18 – Puglia Region. STEM Course 2 - 3. ENEA sustainability. Food Microbiology. Environmental Microbiology.

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING C1 READING C2 WRITING C1**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## EDUCATION AND TRAINING

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[ 1979 – 1984 ] **Degree in Biological Sciences**

**University of Rome La Sapienza**

**Address:** Piazzale Aldo Moro 5, Roma, Rome, Italy

**Field(s) of study:** Natural sciences, mathematics and statistics

**Final grade:** 110/110 cum laude

**Thesis:** Title : "Studi biochimici e colturali in *Thiobacillus ferrooxidans*".

Research activities in physiology and genetic of *Thiobacillus ferrooxidans* in laboratories of the Institute of Microbiology, Faculty of Medicine and Surgery, University of Rome La Sapienza, from 1983 to 1984.

[ 1983 – 1985 ] **Internship**

**University of Rome La Sapienza**

**Address:** Piazzale Aldo Moro 5, Roma, Rome, Italy

**Field(s) of study:** Natural sciences, mathematics and statistics

Internship at the Histology Institute, Faculty of Biological Sciences and at the Institute of Microbiology, Faculty of Medicine and Surgery, University of Rome La Sapienza. Studies in:

- Antimicrobial activity of transferrins and their action mechanisms
- Production of acetone, butanol and ethanol from *Clostridium acetobutylicum*
- Production of dextransucrase from *Bacillus* spp.

[ 1984 – 1988 ]

### **Specialist degree in Microbiology**

**University of Rome La Sapienza**

**Address:** Piazzale Aldo Moro 5, Roma, Roma, Italy

**Field(s) of study:** Natural sciences, mathematics and statistics

**Final grade:** 70/70 cum laude

**Thesis:** Title of thesis: "Desolforazione microbica del carbone".

1985. Research activities in microbial desulfurization of coal, in laboratories of the Institute of Microbiology, Faculty of Medicine and Surgery, University of Rome La Sapienza.

[ 1985 – 1986 ]

### **Professional qualification of Biologist**

**University of Rome La Sapienza**

State Exam. Italian professional qualification as Biologist.

[ 2016 – Current ]

### **Scientific National Abilitation, 05/I2: Microbiology. Category II.**

**Scientific National Abilitation, Call D.D. 1532/2016**

**Field(s) of study:** Natural sciences, mathematics and statistics | Microbiologia

**Valid until:** 24/11/2028

Scientific National Abilitation, december 2017. Bando D.D. 1532/2016, Competition sector 05/I2: Microbiology. Fascia II. Valid from 24/11/2017 to 24/11/2028.

## **TEACHING ACTIVITY**

[ 1986 – 2010 ]

### **Docente**

- 2009-2010. Education activity in ATS Biotecnoform 2010: IFTS Course "Biotecnologie e tecnologie alimentari", Regional Code 17800, IPSIA Largo Brodolini, Pomezia (Rome).
- December 2009. Selection test of students for the IFTS Course "Biotecnologie e tecnologie alimentari", Regional Code 17800, IPSIA Largo Brodolini, Pomezia (Rome).
- 2008. Course on Epidemiological typing of pathogen bacteria for AMCLI (Associazione Microbiologi Clinici Italiani), "La tipizzazione epidemiologica di batteri patogeni: nuove tecniche molecolari per un linguaggio comune", Rome, 26-27 June 2008. Roma Tre University. Lessons and laboratory in Multilocus Sequence Typing (MLST) and PCR for VNTR analysis.
- June 2008. Teaching in IFTS Course for pharmaceutical industries BIOTECNOFORM "Tecnico di processo, sviluppo, produzione e di prodotto per le industrie farmaceutiche con competenze nel sistema qualità" Cod. Si. Mon 11750 (Azione formativa) -11751 (Governance) - 11752 (Stage), Colleferro (RM), BIOTECNOFORM, IPSIA Largo Brodolini - Pomezia (RM).
- 9 May 2008. Teaching at Ministage in Cystic Fibrosis: "Ricerca e formazione per vincere la fibrosi cistica", at ENEA C.R. Casaccia, Rome; Project of the II Convegno Scientifico Provinciale di Latina. "Diversità microbica: metodi di identificazione e tipizzazione".

- 1987. Course for specialization in Biotechnology (Forma Society, Genesis), Ariccia (Rome), June-December 1987. L.R. n. 14 del 6/4/78 and Legge quadro n. 845 del 21/12/78.

## DIGITAL SKILLS

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Windows | GoogleChrome | Outlook | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Google (Google Drive, Google Docs, Google Slides, Google Sheets, Google Meets, Google Trends) | Cloud tools(Onedrive, GoogleDrive, Dropbox) | Adobe (Adobe Acrobat, Adobe AfterEffects, Adobe Photoshop, Adobe Premier) | Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced | On-line Collaboration (MS Teams, Zoom, WhatsApp, Viber, Google Drive, Box, Mega) | Phylogenetic analysis by MEGA | CLUSTAL W | Epidemiology database ENEA | MLST online database | Use of data collection platforms (ISTAT and EUROSTAT) | QGIS software

## MASTER'S THESIS AND THREE-YEAR DEGREE THESIS

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[ 2000 – 2022 ] **Supervisor of Degree thesis**

Tutor and mentor of Degree thesis in:

- **Biological Sciences** (University of Rome La Sapienza). Master's thesis; experimental activities at ENEA Casaccia laboratories
- **Chemistry and Pharmaceutical Technology** (University of Rome La Sapienza). Master's thesis; experimental activities at ENEA Casaccia laboratories
- **Biotechnologies** (University of Rome La Sapienza). Master's thesis; experimental activities at ENEA Casaccia laboratories
- **Food and wine technologies** (University La Tuscia, Viterbo). Degree thesis
- **Sciences and Food-Wine culture** (University Roma Tre). Degree thesis
- **Biological Sciences** (University Roma Tre). Degree thesis.

## RESEARCH TRAINING AS TUTOR

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[ 1999 – 2021 ] **Tutor in pre- and post lauream research training**

**Tutor in pre- and post lauream research training internships for Degrees in:**

- **Biological Sciences** (University of di Rome La Sapienza)
- **Environmental Sciences** (University of di Rome La Sapienza)
- **Food and wine technologies** (University La Tuscia, Viterbo)
- **Biotechnologies** (University La Tuscia, Viterbo)
- **Biological Sciences** (University La Tuscia, Viterbo).

Experimental and technical activities at the ENEA Casaccia laboratories.

**Tutor in International Programme "Lifelong Learning Programme" Leonardo Da Vinci.** Training post lauream in Biological Sciences, University of Valencia, Spain. 2009. Experimental and technical activities at the ENEA Casaccia laboratories.

**Tutor in Erasmus Programme.** Students' agreement with University la Sapienza, Rome, Degree in Pharmacy. Experimental and technical activities at the ENEA Casaccia laboratories. 2012.

**Evaluation of PhD thesis** in "Sciences, technologies and Biotechnologies for sustainability", DIBAF Department, University La Tuscia, Viterbo.

## PROJECTS

### [ 1990 – 2000 ] Scientific collaborator in Funded Research Projects

Elaboration (objectives, strategies, lines of activity) and carrying out experimental research activity for the following projects:

- 1991-1992. CEE-BRIDGE "Identification and functional analysis of genes controlling major metabolic pathways in higher plants" BIOT CT-900164
- 1992-1993. CNR-PF RAISA Advanced Research for Innovation in the Agricultural System "Photoperception and translation of the light signal: transcription factors of light-regulated genes"
- 1993-1996. CNR N. 93.02567.CT06, CNR N.94.01412.CT06, CNR N.95.03227.CT06 "Role of siderophores in microorganism-microorganism and plant-microorganism interactions in the rhizosphere"
- 1996-1998. CNR-ECOMI 0639, CNR-ECOMI 6301 "Study of the bacterial populations of *Burkholderia cepacia* associated with the rhizosphere of maize plants"
- 1996-1999. N. 259 D. M. 125/7240/96, program "Biotecnologie vegetali" (Area 6 - Microorganismi utili) Ministero Risorse Agricole, Alimentari e Forestali "Selection and characterization of endophytic nitrogen-fixing bacteria and localization of nitrogen fixation sites within the plant"
- 2000. IRCCS Giannina Gaslini, Genoa: *Burkholderia cepacia* in cystic fibrosis. Identification of specific genomovars in clinical and environmental isolation strains and study of their correlation with transmissibility, pathogenicity and antibiotic resistance.

## PROJECTS FROM 2001 TO 2010

### [ 2001 – 2010 ] Scientific collaborator in Funded Research Projects

Elaboration (objectives, strategies, lines of activity) and carrying out experimental research activity for the following projects:

- 2001. GESTRAM/RAGGIO: Assessment of environmental risk caused by chemical agents and GMOs and eco-compatible technologies related to agricultural and biotechnological production
- 2001. GESTRAM/IMPACT: Impact on the environment of the use of microbial species of biotechnological interest and risk assessment for human health
- 2000-2002. PANDA, Ministero Politiche Agrarie, D. M. 315/7303/00 del 3/08/2000 "Agricultural production in environmental protection" (Theme IV: Improvement of plant nutrition through microorganisms)
- 2001, 2002, 2003. PROTOM
- 2003, 2004, 2005. OASI: Advanced technologies for the sustainability and valorization of agroforestry species
- 2003-2005. Cystic Fibrosis Research Foundation: "Development of a rapid diagnostic test for the discrimination of species and genomovars of *Burkholderia cepacia* complex in clinical routine". FFC9/2003
- 2003-2005. Istituto Superiore per la Prevenzione e la Sicurezza del Lavoro - Dipartimento Insediamenti Produttivi ed Interazione con l'Ambiente (ISPESL-DIPIA) - Rome [B/56/DIPIA/00]: Valuation of the biological risk associated with the biotechnological use of *Burkholderia cepacia* (human pathogenic bacterium used in the agrobiotechnology sector). Editor of the final research report.
- 2003-2005. "Diversity of *Burkholderia* species associated with maize in Mexico and Italy and comparison with *Burkholderia* species associated with the teosinte plant". I Executive Program of scientific and technological collaboration between Italy and Mexico, prog. n. 21)
- 2004-2005. COFIN "Relationships between 'quorum sensing' signals and microbial phenotypes of significant agro-environmental interest", MIUR, Research programs 2004.
- 2004-2005. FFC#11/2004 Evaluation of the pathogenicity of environmental and clinical isolates of *Burkholderia cepacia* complex alone and in the presence of *Pseudomonas aeruginosa*

- 2004-2006. "Multilocus sequence typing, rapid identification and gene flux within *Burkholderia cepacia* complex isolates', "The Wellcome Trust" (UK), Grant Number 072853, Biomedical Research Institute, Biological Sciences, University of Warwick, Coventry, CV4 7AL UK
- 2005-2008. "Idrobio. Methodologies for the production of hydrogen from biological processes". Special Supplementary Fund for Research FISR 2002-MIUR: Isolation and identification of hydrogen-producing bacteria from natural sites
- 2006-2008. FFC#7/2006: "Influence of *Pseudomonas aeruginosa* and CF host on *Burkholderia cenocepacia* pathogenicity"
- 2006-2009. Soilsink, FISR "Climate change and agricultural and forestry production systems: impact on carbon reserves and soil microbial diversity", Unit O4
- 2008-2010. FFC#7/2008: "*Burkholderia cenocepacia* pathogenicity: synergistic interactions with *Pseudomonas aeruginosa* and adaptation to CF host".

## PROJECTS FROM 2011 TO 2021

### [ 2010 - 2021 ] Scientific collaborator in Funded Research Projects

Elaboration (objectives, strategies, lines of activity) and carrying out experimental research activity for the following projects:

- 2010-2013. Food Flavour Industria 2015, PL77-2, Innovative diagnostic methodologies for the characterization of microbial communities. "Innovative diagnostic methods for food quality and safety". MISE
- 2012-2013. FFC#8/2012: "Investigation of cystic fibrosis airway microbiome in patients showing a severe decline in lung function and not responding to conventional antimicrobial therapy"
- 2011-2012; 2013-2015. Area AGROALIMENTARE - Collaboration Agreement CNR-ENEA research activities for the purposes of the article 2, comma 44, L. 191/2009. Integrated knowledge for sustainability and innovation of Made in Italy
- 2014-2015. FFC#10/2014: "Investigating the airway microbiome in cystic fibrosis patients with a severe decline in lung function: an opportunity for a personalized microbiomebased therapy"
- 2015. FFC #14/2015: "Investigating the airway microbiome in cystic fibrosis patients with a severe decline in lung function: an opportunity for a personalized microbiomebased therapy", Cystic Fibrosis Research Foundation, Continuation.
- 2017. Safe&Smart, New enabling technologies for food safety and the integrity of agri-food supply chains in a global scenario. National Cluster Agrifood, Activity project cod. CTN01\_00230\_248064
- 2017. Agreement between ENEA and Ministero dell'Ambiente e della Tutela del Territorio e del Mare. Study and analysis activities of technological options for efficiency in the use and sustainable management of resources. National sustainable development strategy. Convenzione ENEA-MATTM/WP3
- 2019-2020. ES-PA - Energy and Sustainability for Public Administration. Program: PON Governance e Capacità Istituzionale 2014-2020. CUP: I59B17000000007. Attività: 2.4.2. Product document: *Quadro normativo aggiornato e approcci innovativi sul contenimento di emissioni di ammoniaca nell'ambiente conseguenti all'utilizzo di fertilizzanti.*
- 2019. Collaboration agreement for the implementation of initiatives aimed at guaranteeing the functioning of the national platform for phosphorus between MATTM and ENEA. Product document: *P5 Buone Pratiche.*
- 2022. European Project KNOWING, program Horizon Europe: 17 partners of 8 UE Countries; Italy: ENEA, University Federico II, Naples, and e municipality of Naples.

## REVIEWER ACTIVITY

### [ 1997 - Current ] Reviewer of articles for international scientific journals

- 1997. FEMS Microbiology Ecology
- 1998. FEMS Microbiology Ecology
- 2004. Clinical Microbiology and Infection
- 2009. Journal of Zhejiang University-SCIENCE B; Annals of Clinical Microbiology and Antimicrobials; Amino Acids; Annals of Microbiology; Journal of Medical Microbiology



- 2010. Current Microbiology; Journal of Zhejiang University-SCIENCE B
- 2012. Applied Soil Ecology; Annals of Microbiology
- 2013. Annals of Microbiology; Bioelectromagnetics; Journal of Medical Microbiology
- 2014. Bioelectromagnetics; Ecological Indicators
- 2015. Expert Review of Anti-infective Therapy; Bioelectromagnetics
- 2016 Expert Review of Vaccines; PLOS ONE; The Open Biotechnology Journal
- 2017. BMC Microbiology; Annals of Microbiology; PLOS ONE; International Journal of Systematic and Evolutionary Microbiology
- 2018. PLOS ONE; Journal of the Science of Food and Agriculture; Annals of Microbiology (ANMI); Soil Systems
- 2019. PLOS ONE; Microbiological Research; Annals of Microbiology (ANMI)
- 2020. BMC Microbiology; Environmental Quality Management
- 2021. Applied Sciences (MDPI journal)
- 2022. Biomedicines; Vaccines (MDPI); International J. Molecular Science
- 2023. Vaccines (MDPI); One Health & Implementation Research

## HONOURS AND AWARDS

[ 1984 ] **Degree award for experimental thesis in the field of Pasteurian disciplines**

**Awarding institution:** Istituto Pasteur-Fondazione Cenci Bolognetti

**Title of thesis:** "Studi biochimici e culturali in *Thiobacillus ferrooxidans*" ("Biochemical and cultural studies in *Thiobacillus ferrooxidans*"), 110/110 cum laude.

## STAGE

[ 11/2004 ]

### University of Warwick, Coventry, research project in Multilocus sequence typing

Stage at Biomedical Research Institute, Biological Sciences, Warwick University, Coventry, CV4 7ALUK, November 2004. Project 'Multilocus sequence typing, rapid identification and gene flux within *Burkholderiacepacia* complex isolates', supported by 'The Wellcome Trust' (UK), Biomedical Research Institute, Biological Sciences, University of Warwick.

## MEMBERSHIP

[ 1998 – Current ] **Membership of scientific societies**

From 1998, member of Italian Society of General Microbiology and Microbial Biotechnologies - Società Italiana di Microbiologia Generale e Biotecnologie Microbiche (SIMGBM)

From 1998, member of Federation of European Microbiological Societies (FEMS)

From 2016, participation at "Food microbiology teachers global network" founded by Prof. Peter Raspor (University of Lubiana, Slovenia) in 2016.

From 2020, member of Food Policy Roma.

## PUBLICATIONS

### List of publications (details in the attached file)

1. Michetti et al 2022.MethodsX
2. Michetti et al 2022.Sc Tot Env
3. Dalmastrì et al 2020.Int J Syst.Evol Microbiol.
4. Savi et al 2019.BMC Pulmonary Medicine 19:164
5. Dalmastrì et al 2018.DNA nanotechnology: Methods Protocols 1811,263.HP, NY, 2018
6. Bevivino-Dalmastrì 2017.Sustainability in Plant and Crop Protection77-95
7. Brunori et al 2017.Molini d'Italia 70
8. Marcone et al 2017.Int J Syst Evol Microbiol 67:4181
9. Daddiego et al 2017.J Science Food Agric
10. Bacci et al 2016.PLoS ONE 11(6)
11. Dalmastrì et al. 2016.Int J Syst Evol Microbiol 66:912



12. Di Carli et al 2016.FEMS Microbiol Lett 363
13. Morales et al 2015.Small
14. Wang et al 2015.EAI 3/2015 85-94
15. Paganin et al 2015.PLoS ONE 10(4)
16. Daddiego et al 2015.Ingredienti Alimentari 78:6
17. Papaleo et al. 2015.TOMICROJ
18. Bevivino et al 2014.PlosOne 9(8)
19. Cantale et al 2013. 162 LNEE 2014, 189-192
20. Bevivino et al 2013.Pediatric Pulmunol 48-36:316
21. Paganin et al 2013.FEMS Microb Ecol
22. Bevivino et al 2012.J Cyst Fibr 11:1569-1993
23. Bragonzi et al 2012.PlosOne 7(12)
24. Bevivino et al 2012.Microbiol158:1325
25. Paganin et al MD2011-Env Stresses and Adaptation
26. Bevivino et al 2011.BMC Microbiol 11,228
27. Paganin et al 2010.J Biotechnol 150 S291
28. Ferri et al 2010.J Microbiol Meth 80:251-256
29. Cesarini et al 2009.Lett Appl Microbiol 2009. 49:580; CA
30. Pirone et al 2008.Env Microbiol 10:2773
31. Tabacchioni et al 2008.FEMS Microbiol Lett 281:175
32. AA vari. 2007.Cambiamenti climatici ed agroecosistemi
33. Bevivino et al 2007.J Cyst Fibr7:P35
34. Baldwin et al. 2007 Emerg. Inf. Dis.13:458
35. Dalmastrì et al 2007.Env Microb 9:1632
36. Chiarini et al 2006.Trends Microbiol 14:277
37. Pirone et al 2005.Env. Microbiol 7:1734
38. Alisi et al 2005.Microb Ecol 50:385
39. Bevivino et al 2005. Res. Microbiol 156:974
40. Dalmastrì et al 2005.FEMS Microb Lett. 246:39; CA
41. Chiarini et al 2004.J Cyst Fibr3:165
42. Manno et al 2004. J Clin Microbiol 42:1491
43. Dalmastrì et al 2003. FEMS Microbiol Ecol 46:179-187
44. Bevivino et al 2002.J. Cyst Fibr 1:S54
45. Bevivino et al 2002.J. Clin Microbiol 40:846
46. Tabacchioni et al 2002.Ann Microbiol 52:103
47. Ciccillo et al 2002.Env Microbiol 4:238
48. Fiore et al 2001.Env Microbiol 3:137
49. Tabacchioni et al 2000.Microb Ecol 40:169
50. Chiarini et al 2000.Env Microbiol 2:111-118
51. Bevivino et al 2000.Biology and fertility of soil 2:225
52. Dalmastrì et al 1999.Microb. Ecol. 38:274-283; CA
53. Bevivino et al 1998.FEMS Microbiol. Ecol. 27:225
54. Bevivino et al 1988.In: Molecular Approaches in Biological Control IOBC WPRS Bulletin 21
55. Sticchi et al 1998.In: Biological Nitrogen Fixation for the 21st Century,415
56. Chiarini et al 1998.Appl Soil Ecol 8:11
57. Chiarini et al. 1998.Soil Biol Biochem 30: 81-87
58. Di Cello et al 1997. Appl Env Microbiol 63:4485; CA
59. Nacamulli et al 1997.FEMS Microb Ecol 23:183
60. Borello et al 1993.Biotechnol & Biotechnol Eq. 7,2:51
61. Visca et al 1990.Med Microbiol Immunol 179:323
62. Agus et al. Abstracts 1988. ACS Vol. 196: 50
63. Visca et al 1988.Med. Microbiol Immunol 178 69
64. Visca et al. 1988.In: G.I.Karavaiko Eds 326 UNEP/USSR
65. Dalmastrì et al 1988.Microbiologica 11:225
66. Valenti et al 1987.Il Patologo Clinico 8:96

## CONFERENCES AND SEMINARS

[ 1983 - 2021 ] **Participations in conferences (posters and/or oral presentations)**

Over 100 participations (posters or communications) in national and international conferences, such as: International Burkholderia cepacia Working Group Annual Meeting: Ca' Tron di Roncade (Treviso), 14-17 April 2008 and Oklahoma City, Oklahoma, USA 21-24 April 2005

- Speaker at seminars, such as: Insubria University Seminar, Varese, "Multilocus Sequence Typing: a universal approach to type bacteria for epidemiology and population studies", 8 March 2010.

## TRAINING AND RE-FRESHER COURSES

[ 1989 – Current ]

### Participation in training and refresher courses

- 4-8 September 1989. Physiological and genetics of industrial fermentation. Mantua. Course no. 6.30 organized by the Lombardy Region.
- 8 April 1998. Molecular Evolution. Florence.
- 9-10 April 1999. Extrachromosomal elements: gene transfer and evolution in microorganisms. Cortona (AR).
- 14 April 2004. Update in anaerobic. Rome.

### Specific training courses for workers mandatory for work at ENEA with a successful learning test:

- 2-3-2018. Rischio chimico e cancerogeno. Art. 37 D.Lgs 9 aprile 2008 n. 81 – Accordo Stato-Regioni 21 dicembre 2011. N. ore di formazione: 4.
- 27-3-2018. Rischio biologico. Art. 37 D.Lgs 9 aprile 2008 n. 81 – Accordo Stato-Regioni 21 dicembre 2011. N. ore di formazione: 4.
- 10-5-2018. I campi elettromagnetici; Le radiazioni ottiche. Verifica dell'apprendimento superata. Art. 37 D.Lgs 9 aprile 2008 n. 81 – Accordo Stato-Regioni 21 dicembre 2011. N. ore di formazione: 4.
- 2020. Formazione obbligatoria in materia di trattamento dei dati personali ai sensi degli art. 29 e 32, comma 4 del Regolamento (UE) 2016/679. Corso on line sulla piattaforma elearning.enea.it.
- Aprile-Luglio 2020. Corso "Project Management e stili di leadership": 20 lezioni

### ENEA ICT Seminars 2020 for digital updating

- 16-3-2020. 2020 VPN
- 19-3-2020. Servizi gestionali
- 20-3-2020. E learning. Formazione ECDL e cybersecurity
- 23-3-2020. VoIP
- 27-3-2020. EneaBox
- 2-4-2020. GDPR/Regolamento (UE) 2016/679
- 13-5-2020. DocSuite

## TASK FORCE ENEA

[ 08/10/2021 – 2023 ]

### Departmental task force for the development of climate services

Member of the Departmental task force for the development of climate services at ENEA (Task force dipartimentale per lo sviluppo di servizi climatici). Determination no. 221/2021/SSPT, ENEA, Department for Sustainability

## WORKING GROUPS

[ 2015 – Current ]

### Member of Working groups in ENEA

- Member of the "S.O.S. FARM" working group within the "Sustainability Construction Site" of the SSPT Department
- Member of the working group "Characterization" within the MIRRI-IT Microbial Resource Research Infrastructure Italian Node.