

CURRICULUM VITAE



PERSONAL INFORMATION

FERRARO OTTAVIA ELEONORA

Work address UNIT OF BIOSTATISTICS AND CLINICAL EPIDEMIOLOGY UNIVERSITY OF PAVIA
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Orcid **<https://orcid.org/0000-0002-4398-4885>**

Nationality Italian

Birthplace and date Milan, 27/08/1987

ACADEMIC

From **July 2022** **Senior Research Fellow**

From **2020** **Research Fellow**
to **June 2022**

From **October 2016** **PhD in Psychology, Neuroscience and Data Science - 32nd**
to **September 2019** **cycle**

From **February 2015** **Early stage researcher**
to **September 2016**

from AY. **2014/2015** **Teaching activity**
to AY. **2020/2021**

Faculty of Sport Sciences
Project title: "Laboratorio di statistica medica e di metodologia della ricerca per le scienze dello sport".
Project Manager: Prof. Cristina Montomoli
Department of Public Health, Experimental and Forensic Medicine, Via Forlanini, 2 - 27100 Pavia, University of Pavia
Assistant Professor in Medical Statistics with Excel

- from a.a. **2022/2023** Professor of medical statistics for the Course of HealthCare at the University of Pavia
- from a.a. **2020/2021** Professor of medical statistics for the Course of HealthCare at the University of Pavia
- from a.a. **2020/2021** Professor of "Parametric and non-parametric test and ANOVA" within the Professional Master Programme of Biostatistics and Epidemiological Methodology at the University of Pavia
- from a.a. **2015/2016**
to a.a. **2017/2018** Professor of "Parametric and non-parametric test and ANOVA with Stata®" within the Professional Master Programme of Biostatistics and Epidemiological Methodology at the University of Pavia
- from a.a. **2012/2013**
to a.a. **2013/2014** Professor of Research Methodology for the Course "Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro" at the University of Pavia

EDUCATION AND TRAINING

- February 2019-
July 2019** **Visiting Researcher**
@ ARC (Ageing Research Center)- Karolinska Institutet, Stockholm Sweden
- A.A. 2012-2014** **Professional Master Programme
Biostatistics e Epidemiological Methodology**

Department of Public Health, Experimental and Forensic Medicine, University of Pavia
Thesis **European project REHABIL-AID: from protocol to analysis**
- A.A. 2012-2014** **MSc Master degree in Biostatistics and Experimental Statistics**

Faculty of Statistics, University of Milan - Bicocca
Biostatistics , Medical Statistics, Epidemiology
Thesis **La valutazione della qualità in sanità: metodologie di composizioni d'indicatori. Confronto tra diversi modelli di sintesi numerica e sintesi grafica dei risultati.**
Dr in Biostatistics and experimental statistics
107/110

Level in national or international classification

ISCED 5A

A.A 2006-2009

BSc Three year bachelor degree in Statistics and management of information

Faculty of Statistics, University of Milan - Bicocca
Epidemiology and statistical methods

Analisi database malattie infettive della Regione Lombardia

Dr in Statistics and management of information

Thesis

- Title of qualification awarded
- graduation grade
 - Level in national or international classification
 - Dates **(A.S.2005/2006)**
- Title of qualification awarded
- graduation grade

97/110

ISCED 5A

Secondary School Diploma

Liceo scientifico "G. Marconi" Milan, Italy

87/100

ATTENDED COURSES

6 February

Bayesian Modelling in the Big data era

Workshop IRCCS C. Mondino, Pavia, Italy

January 2020

European funding for research and health

Prodos Academy, Rome, Italy

5-12 April 2019

Application of epidemiological methods in aging research

ARC (Ageing Research Center) Karolinska Institutet, Stockholm, Sweden

11-20 March 2019

Causal Inference for Epidemiological Research

MEB (Medicinsk epidemiologi och biostatistik) Karoliska Institutet, Stockholm, Sweden

12 December 2018

Current awareness and critical insights in clinical and experimental neuroimmunology

Workshop XXIX Ottorino Rossi Award IRCCS C. Mondino, Pavia

4-8 June 2018

International Bayesian School

IMATI-CNR ABS18 – 4-8 June 2018 Como, Italy

23-24 November 2017

Introduction to GAMLSS

Università degli Studi di Verona, Italy

- 4-5 November 2016** **5th International Cycling Safety Conference (ICSC2016)**
5th International Cycling Safety Conference (ICSC2016)
Università degli studi di Bologna, Italy
- 13 November 2015** **Neuro-infiammazione e ambiente: oltre ai confini della neurologia**
Workshop IRCCS C. Mondino, Pavia, Italy
- 20-31 May 2013** **Summer School in International education for training traffic accident reconstruction specialist**
Summer School CIRSS 20-31 May 2013, Pavia, Italy
- 16 September 2009** **Introduction to genetics epidemiology**
V National congress of Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC) Dalla genetica all'ambiente il ruolo della statistica medica e dell'epidemiologia clinica. 16-19 September 2009, Pavia, Italy
- 5-18 June 2011** **Survival Analysis and Causal Inference**
Summer School on Modern Methods in Biostatistics and Epidemiology 5-18 June 2011 Antico Borgo di Tabiano Castello Parma, Italy

COLLABORATION ON NATIONAL AND INTERNATIONAL PROJECTS

| Year | Project | Duration (months) | Activities |
|-------------------------------------|---|----------------------|--|
| On going from January 2019 | InveCe.AB (Invecchiamento cerebrale Abbiategrasso) | | Data Analyst |
| On going from 2015 | Project "Conoscenza e Salute" (ConSal), Studio EPI-EST: esposizioni ambientali e salute pubblica. Università di Pavia, Azienda Socio-Sanitaria Territoriale (ASST) di Pavia, ARPA Lombardia, Comuni di Sannazzaro de' Burgondi e Ferrera Erbognone. Project Coordinator Prof. Gabriele Pelissero, Università di Pavia. | 84 | Data Manager and Data Analyst |
| 2021-2023 | Project CEI "Project: Improving Occupational Health and Safety System in Republic of Moldova" | 18 | Junior researcher |
| 2012-2015 | REHABIL-AID: a three-year project titled "Reducing the harm and the burden of injuries and human loss caused by road traffic crashes and addressing injury demands through effective interventions" carried out in Greece, Germany and Italy with funding by the DG Mobility and Transport (MOVE/C4/SUB/2011-294/SI2.628846/REHABIL-AID). | 36 | Data Manager and Data Analyst of the project |
| 2013-2016 | Study EUROEX Cardiology IRCCS del Policlinico di San Donato Milanese, | 36 | Data Analyst |

MAIN FIELDS OF RESEARCH

EPIDEMIOLOGY OF ACCIDENT AND TRAFFIC RESEARCH

Rehabil-aid Reducing the Harm and the Burden of Injuries and human Loss caused by road traffic crashes and Addressing Injury Demands
European study COST: Helmet optimization in Europe

CLINICAL EPIDEMIOLOGY

Study "Multicenter internAtional raNdomized controlled manlkin study on different protocols of CPR (MANI-CPR)" in collaboration with Association "Pavia nel Cuore"
Collaboration with Center of Multiple Sclerosis-IRCCS Casimiro Mondino, Pavia
Collaboration with Fondazione Golgi-Cenci Abbiategrasso
Collaboration with Neurology of Ospedale San Raffaele di Milano

2023

Puci MV, **Ferraro OE**, Monti MC, Gnesi, M, Borrelli P, Cadum E, Perotti P, Migliazza S, Dalle Carbonare S, Montomoli C, Villani S Asthma, COPD, **Respiratory, and Allergic Health Effects in an Adult Population Living near an Italian Refinery: A Cross-Sectional Study** Healthcare 2023, 11 (7), doi:10.3390/healthcare11071037

2022

Carnevale Pellino V, Lovecchio N, Puci MV, Marin L, Gatti A, Pirazzi A, Negri F, **Ferraro OE**, Vandoni M **Effects of the lockdown period on the mental health of elite athletes during the COVID-19 pandemic: a narrative review** Sport Sciences for Health 2022, 18 (4), 1187-1199. doi: 10.1007/s11332-022-00964-7

Villani S, **Ferraro OE**, Poloni TE, Guaita A. **Dementia and Risk Factors: Results from a Prospective, Population-Based Cohort Study** Life 2022, 12 (7). doi:10.3390/life12071055
Corresponding author

Fassio F, Bussa M, Oddone E, **Ferraro OE**, Puci MV, Morandi, A, Castaldo F, Broi M, Uberti F, Villani S, Montomoli C, Monti MC. **Stato di salute dei lavoratori del settore petrolchimico: una revisione narrativa [Health status of petrochemical workers: a narrative review]** Giornale italiano di medicina del lavoro ed ergonomia 2022, 44 (1), 51-58.

Guglielmetti M, **Ferraro OE**, Gorrasi ISR, Carraro E, Bo S, Abbate-Daga G, Tagliabue A, Ferraris C. **Lifestyle-Related Risk Factors of Orthorexia Can Differ among the Students of Distinct University Courses** Nutrients 2022, 14 (5). doi: 10.3390/nu14051111

Vandoni M, **Ferraro OE**, Gatti A, Marin L, Giuriato M, Silvestri D, Lovecchio N, Puci MV, Carnevale Pellino V. **The Role of Crowd Support on Home Advantage during COVID-19 Restrictions on Italian Football Competitions. Comparison between 2018–19 and 2020–21 Seasons of the Italian Serie A and Serie B Championships.** Sports 2022, 10,17. doi: 10.3390/sports10020017 (IF 1.929)

2021

Ippolito M, Cortegiani A, **Ferraro OE**, Borrelli P, Contri E, Burkart R, Baldi E. **Physical activity and quality of**

cardiopulmonary resuscitation: A secondary analysis of the MANI-CPR trial. American Journal of Emergency Medicine 2021; 50, 330–334. doi:10.1016/j.ajem.2021.08.039

Baldi E, Contri E, Burkart R, Borrelli P, **Ferraro OE**, Paglino M, Pugliesi M, Barbati C, Bertalia D, Tami C, Lopez D, Boldarin S, Dénéreáz S, Terrapon M, Cortegiani A. **A Multicenter International Randomized Controlled Manikin Study on Different Protocols of Cardiopulmonary Resuscitation for Laypeople: The MANI-CPR Trial.** Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare 2021; 16(4), 239-245. doi: 10.1097/SIH.0000000000000505

Ferraro OE, Guaita A, Villani S **Cognitive, physical and disability trajectories in community-dwelling elderly people.** Aging Clin. Exp. Res. 2021, doi:10.1007/s40520-021-01804-3.

2020 Puci MV, Nosari G, Loi F, Puci GV, Montomoli C, **Ferraro OE** **Risk perception and worries among health care workers in the covid-19 pandemic: Findings from an Italian survey.** Healthcare 2020; 8, 535. doi:10.3390/healthcare8040535 (IF: 2.645)

Assaloni R, Pellino VC, Puci MV, **Ferraro OE**, Lovecchio N, Girelli A, Vandoni M **Coronavirus disease (Covid-19): How does the exercise practice in active people with type 1 diabetes change? A preliminary survey** Diabetes Res. Clin. Pract. 2020 166, 108297. doi:10.1016/j.diabres.2020.108297

Ferraris C, Guglielmetti M, Tamagni E, Trentani C, De Giorgis V, Pasca L, Varesio C, **Ferraro OE**, Tagliabue A. **Use of Remote Monitoring by E-mail for Long-Term Management of the Classic Ketogenic Diet** Nutrients 2020 12 6, 1–11. doi:10.3390/nu12061833

Ferraro OE, Puci MV, Montomoli C, Rolesu S, Cappai S, Loi F **Official Data and Analytical Forecasts: Differences and Similarities Among Coronavirus Disease (COVID-19) Confirmed Cases and Deaths** Front. Public Heal. 2020 8, 153. doi:10.3389/FPUBH.2020.00153

Puci, MV, Loi, F, **Ferraro, OE**, Cappai, S, Rolesu, S, Montomoli, C **COVID-19 trend estimation in the elderly Italian region of Sardinia** Front. Public Heal. 2020 8, 153. doi:10.3389/FPUBH.2020.00153

Gnesi M, Monti MC, **Ferraro OE**, Borrelli P, Berzolari FG, Puci

MV, Oddone E, Imbriani M, Pelissero G, Cadum E, Migliazza S, Montomoli C, Villani S **Health impact of the emissions from a refinery: Case-control study on the adult population living in two municipalities in Lomellina, Italy** *Epidemiol. Biostat. Public Heal.* 2020 17 1, 1–8. doi:10.2427/13333

Valero-Mora PM, Shinar D, Ledesma RD, Tormo Lancero MT, Sánchez-García M, Haworth N, Sanmartín J, Morandi A, **Ferraro OE**, Saplioglu M, Otte D **Abiding by the law when it does not exist: The case of the helmet bicycle law** *Transp Res Part F Traffic Psychol Behav* 2020 72, 23–31 doi:101016/j.trf.202004010

2019 Ferraro OE, Guido D, Verri A, Borrelli P, Puci MV, Oddone E, Gnesi M, Monti M C, Gigli Berzolari F, Villani S, Cerra C, Migliazza S, Imbriani M, Pelissero G, Montomoli C **Epidemiological analysis on the hospitalization from neurological diseases in the Province of Pavia** *Epidemiologia e Prevenzione* 2019 Jul-Aug;43(4):286-294 doi: 1019191/EP194P286079

Ledesma RD, Shinar D, Valero-Mora PM, Haworth N, **Ferraro OE**, Morandi A, Maria Papadakaki M, De Bruyne G, Otte D, Saplioglu M, HOPE Working Group 2 **Psychosocial Factors Associated with Helmet Use by Adult Cyclists** *Transportation Research Part F* 2019 (65) 376–388 <https://doi.org/101016/j.trf.201908003>

Ferraris C, Guglielmetti M, Pasca L, De Giorgis V, **Ferraro OE**, Brambilla I, Leone A, De Amicis R, Bertoli S, Veggiotti P, Tagliabue A **Impact of the Ketogenic Diet on Linear Growth in Children: A Single-Center Retrospective Analysis of 34 Cases** *Nutrients* 2019 Jun 26;11(7) pii: E1442 doi: 103390/nu11071442 PubMed PMID: 31247999

Ferrari F, Puci MV, **Ferraro OE**, Romero-González G, Husain-Syed F, Rizo-Topete L, Senzolo M, Lorenzin A, Muraro E, Baracca A, Serrano-Soto M, Molano Triviño A, Coutinho Castro A, De Cal M, Corradi V, Brendolan A, Scarpa M, Carta MR, Giavarina D, Bonato R, Iotti GA, Ronco C **Development and validation of quick Acute Kidney Injury-score (q-AKI) to predict acute kidney injury at admission to a multidisciplinary intensive care unit** *PLoS One* 2019 Jun 20;14(6):e0217424 doi: 101371/journal.pone0217424 eCollection 2019 PubMed PMID: 31220087; PubMed Central PMCID: PMC6586286

Baroncini D, Annovazzi PO, De Rossi N, Mallucci G, Torri

Clerici V, Tonietti, S, Mantero V, Ferrò MT, Messina, MJ, Barcella V, La Mantia L, Ronzoni M, Barrilà C, Clerici R, Susani EL, Fusco ML, Chiveri L, Abate L, **Ferraro OE**, Capra R, Colombo E, Confalonieri P, Zaffaroni M **Impact of natural menopause on multiple sclerosis: a multicentre study** J Neurol Neurosurg Psychiatry 2019 jnnp-2019-320587 doi:101136/jnnp-2019-320587

Gastaldi M, De Rosa A, Maestri M, Zardini E, Scaranzin S, Guida M, Borrelli P, **Ferraro OE**, Lampasona V, Furlan R, Irani SR, Waters P, Lang B, Vincent A, Marchioni E, Ricciardi R, Franciotta D **Acquired neuromyotonia in thymoma-associated myasthenia gravis: a clinical and serological study** Eur J Neurol 2019 Jul;26(7):992-999 doi: 101111/ene13922 Epub 2019 Mar 25 PubMed PMID: 30714278; PubMed Central PMCID: PMC6593867

Riva N, Mora G, Sorarù G, Lunetta C, **Ferraro OE**, Falzone Y, Leocani L, Fazio R, Comola M, Comi G; CANALS Study Group **Safety and efficacy of nabiximols on spasticity symptoms in patients with motor neuron disease (CANALS): a multicentre, double-blind, randomised, placebo-controlled, phase 2 trial** Lancet Neurol 2019 Feb;18(2):155-164 doi: 101016/S1474-4422(18)30406-X Epub 2018 Dec 13 PubMed PMID: 30554828 (IF 2017/2018: 27138)

Diamanti L, Alfonsi E, **Ferraro OE**, Cereda C, Pansarasa O, Bastianello S, Pichiecchio A **A pilot study assessing T1-weighted muscle MRI in amyotrophic lateral sclerosis (ALS)** Skeletal Radiol 2019 Apr;48(4):569-575 doi: 101007/s00256-018-3073-7 Epub 2018 Sep 17 PubMed PMID: 30225607 (IF 2017/2018: 1567)

Ferraro OE, Orsi C, Popa I, Montomoli C, Morandi A **Avoiding bicycle collisions: Experience on safety bike behavior among Italian bicycle users, individual and conspicuity characteristics** J Transp Saf Secur 2019 doi:101080/1943996220181525632 (IF 2019: 1191)

2018 **Ferraro OE**, Guido D, Zambianchi R, Lanfranchi S, Oddone E, Villani S **Mortality for neurological diseases and pesticides: etiological hypotheses by a spatial analysis in the province of Pavia** Med Lav 2018 Dec 20;109(6):420-434 Italian PubMed PMID: 30556533

Papadakaki M, Tsalkanis A, Sarris M, Pierrakos G, **Ferraro OE**, Stamouli M-A, Orsi C, Otte D, Tzamalouka G, Lajunen T, Özkan T, Morandi A, Gnardellis C, Chliaoutakis J **Physical,**

psychological and economic burden of two-wheel users after a road traffic injury: Evidence from intensive care units of three EU countries J Safety Res 2018 67, 155–163
doi:101016/jjsr201810005

Ferraro OE, Orsi C, Montomoli C, Morandi A A model of factor analysis: Reasons for using a helmet in a sample of non-competitive Italian cyclists Transp Res Part F Traffic Psychol Behav 2018 58, 994–1004 doi:101016/jtrf201807021

Baldi E, Contri E, Burkart R, Borrelli P, **Ferraro OE**, Tonani M, Cutuli A, Bertalia D, Iozzo P, Tinguely C, Lopez D, Boldarin S, Deiuri C, Dénéréaz S, Dénéréaz Y, Terrapon M, Tami C, Cereda C, Somaschini A, Cornara S, Cortegiani **A Protocol of a Multicenter International Randomized Controlled Manikin Study on Different Protocols of Cardiopulmonary Resuscitation for laypeople (MANI-CPR)** BMJ Open 2018 Apr 19;8(4):e019723 doi: 101136/bmjopen-2017-019723 PubMed PMID: 29674365; PubMed Central PMCID: PMC5914707

Shinar D, Valero-Mora P, van Strijp-Houtenbos M, Haworth N, Schramm A, De Bruyne G, Cavallo V, Chliaoutakis J, Dias J, **Ferraro OE**, Fyhri A, Sajatovic AH, Kuklane K, Ledesma R, Mascarell O, Morandi A, Muser M, Otte D, Papadakaki M, Sanmartín J, Dulf D, Saplioglu M, Tzamalouka G **Under-reporting bicycle accidents to police in the COST TU1101 international survey: Cross-country comparisons and associated factors** Accid Anal Prev 2018 Jan;110:177-186 doi: 01016/jaap201709018 Epub 2017 Oct 26 PubMed PMID: 29102034

Gastaldi M, Marchioni E, Banfi P, Mariani V, Di Lodovico L, Bergamaschi R, Alfonsi E, Borrelli P, **Ferraro OE**, Zardini E, Pichiecchio A, Cortese A, Waters P, Woodhall M, Ceroni M, Mauri M, Franciotta D **Predictors of outcome in a large retrospective cohort of patients with transverse myelitis** Mult Scler 2018 Nov;24(13):1743-1752 doi: 101177/1352458517731911 Epub 2017 Oct 2 PubMed PMID: 28967297

2017 Popa I, **Ferraro OE**, Orsi C, Morandi A, Montomoli C Bicycle helmet use patterns in Italy **A description and analysis of survey data from an Italian friends of cycling association** Accid Anal Prev 2017 Nov;108:268-274 doi:

101016/jaap201709003 PubMed PMID: 28923517

Papadakaki M, **Ferraro OE**, Orsi C, Otte D, Tzamalouka G, von-der-Geest M, Lajunen T, Özkan T, Morandi A, Sarris M, Pierrakos G, Chliaoutakis J **Psychological distress and physical disability in patients sustaining severe injuries in road traffic crashes: Results from a one-year cohort study from three European countries** Injury 2017 Feb;48(2):297-306 doi: 101016/jinjury201611011 Epub 2016 Nov 18 PubMed PMID: 27889110

Papadakaki M, Stamouli MA, **Ferraro OE**, Orsi C, Otte D, Tzamalouka G, von derGeest M, Lajunen T, Ozkan T, Morandi A, Kotsyfos V, El Chliaoutakis J **Hospitalization costs and estimates of direct and indirect economic losses due to injury sus-tained in road traffic crashes: Results from a 1-year cohort study in three European countries (The REHABILAID project)** Trauma (United Kingdom) 2017 19(4):264-276

2016 Valaperta R, Gaeta M, Cardani R, Lombardi F, Rampoldi B, De Siena C, Mori F, Fossati B, Gaia P, **Ferraro OE**, Villani S, Iachettini S, Piccoli M, Cirillo F, Pusineri E, Meola G, Costa E **High-sensitive cardiac troponin T (hs-cTnT) assay as serum biomarker to predict cardiac risk in myotonic dystrophy: A case-control study** Clin Chim Acta 2016 Dec 1;463:122-128 doi: 101016/j.cca201610026 Epub 2016 Oct 22 PubMed PMID: 27780717

Boiocchi C, Monti MC, Osera C, Mallucci G, Pistono C, **Ferraro OE**, Nosari G, Romani A, Cuccia M, Govoni S, Pascale A, Montomoli C, Bergamaschi R **Heat shock protein 70-hom gene polymorphism and protein expression in multiple sclerosis** J Neuroimmunol 2016 Sep 15;298:189-93 doi: 101016/j.jneuroim201607011

Guazzi M, Villani S, Generati G, **Ferraro OE**, Pellegrino M, Alfonzetti E, Labate V, Gaeta M, Sugimoto T, Bandera F **Right Ventricular Contractile Reserve and Pulmonary Circulation Uncoupling During Exercise Challenge in Heart Failure: Pathophysiology and Clinical Phenotypes** JACC Heart Fail 2016 Aug;4(8):625-35 doi: 101016/j.jchf201603007

2014 Mandia D, **Ferraro OE**, Nosari G, Montomoli C, Zardini E, Bergamaschi R **Environmental factors and multiple sclerosis severity: A descriptive study** Int J Environ Res Public Health 2014 Jun 19;11(6):6417-32 doi:

103390/ijerph110606417

Orsi C, **Ferraro OE**, Montomoli C, Otte D, Morandi A
Alcohol consumption, helmet use and head trauma in cycling collisions in Germany *Accid Anal Prev* 2014 Apr;65:97-100 doi: 101016/j.aap.2013.12.019

Boiocchi C, Osera C, Monti MC, **Ferraro OE**, Govoni S, Cuccia M, Montomoli C, Pascale A, Bergamaschi R **Are Hsp70 protein expression and genetic polymorphism implicated in multiple sclerosis inflammation?** *J Neuroimmunol* 2014 Mar 15;268(1-2):84-8 doi: 101016/j.jneuroim.2014.01.004

**PUBLICATION
IN PRESS**

MONOGRAPHIES

Ferraro OE, Papadakaki M, Montomoli C, Orsi C, Otte D, Tzamalouka G, Morandi A, Cliaoutakis J REHABIL-AID REducing the HARM and the Burden of Injuries and Human Loss Caused by Road Traffic Crashes and Addressing Injury Demands Through Effective Interventions Edizioni Medea srl Quaderni di epidemiologia n°42 2016

Morandi A, Orsi C, Ferraro OE, Montomoli C HOPE Helmet Optimization in Europe Edizioni Medea srl Quaderni di epidemiologia n°43 2016

**ORAL
PRESENTATION @
NATIONAL
CONGRESS**

Ferraro OE, Guaita A, Villani S.

**Traiettorie di invecchiamento in un gruppo di anziani di
Abbiategrasso**

National Congresse SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "Il contributo della metodologia della ricerca nelle emergenze sanitarie: sfide e opportunità" 20-21 October 2022 Napoli, Italy

Ferraro OE, Lorefice L, Cocco E, Monti MC

**Le traiettorie di EDSS in pazienti con differente esordio di
sclerosi multipla**

XI National congress SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "**Dati, modelli, decisioni: metodi a servizio dell'organizzazione sanitaria**" 15-17 September 2021 Bari, Italia.

**ORAL
PRESENTATION @
INTERNATIONAL
CONGRESS**

Ferraro OE "Road Injury Trauma and Rehabilitation" conference at Camera del Commercio e dell'industria di Heraklion, Greece 22-23 Ottobre 2015 title "**Health Outcome scale: description and evidence of the Rehabil road users cohort**"

**POSTER @
NATIONAL
CONGRESS**

Ferraro OE, Guaita A, Villani S.

**Le traiettorie di fragilità in una popolazione di anziani non
istituzionalizzati**

Poster XI Congresso Nazionale SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "Dati, modelli, decisioni: metodi a servizio dell'organizzazione sanitaria" 15-17 September 2021 Bari, Italy

Ferraro OE, Rizzuto D, Grande G, Guaita A, Villani S **Italy and Sweden: a description on cognitive trend among older adults** X National congress SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "Nuovi disegni nella ricerca clinica: la sfida della complessità tra etica e salute" "Nuovi disegni nella ricerca clinica: la sfida della complessità tra etica e salute" 18-21 September 2019 Rome, Italy

Puci MV, Gnesi M, **Ferraro OE**, Gigli Berzolari F, Monti MC, Borrelli P, Oddone E, Zottarelli F, Montomoli C, Villani S **Prevalenza di asma e bpcO in due comuni della Iomellina: uno studio trasversale** X National congress SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "Nuovi disegni nella ricerca

clinica: la sfida della complessità tra etica e salute" "Nuovi disegni nella ricerca clinica: la sfida della complessità tra etica e salute" 18-21 September 2019 Rome, Italy

Ferraro OE, Popa I, Orsi C, Morandi A, Montomoli C and the Rehabil group

Findings from a one-year cohort study in pavia: hospitalization and direct costs due to injury sustained in road traffic crashes Intermediate congress SISMEC & Associazione Alessandro Liberati - Network italiano Cochrane "Linee guida e percorsi diagnostico-terapeutici assistenziali (PDTA): metodi, aderenza e responsabilità" 7-8 November 2018, Rome, Italy

Vandoni M, Carnevale Pellino V, Correale L, Ricagno E, Bleve M, **Ferraro OE**, Natalucci V, Bonfadini S, Cimino E, Girelli A **Discrepancies in glycaemia values during exercise sessions at different intensities** X National congress SISMES (Società Italiana delle Scienze Motorie e Sportive) 5-7 October 2018 Messina, Italy

Carnevale Pellino V, Correale L, Sorgente G, Ricagno E, Dell'Anna S, Liberali G, Martinis L, **Ferraro O**, Vandoni M **Educational physical activity camp in type 1 diabetes: Can be useful to promote an active lifestyle?** X National Congress SISMES (Società Italiana delle Scienze Motorie e Sportive) 5-7 October 2018 Messina, Italy

Ferraro OE, Popa I, Orsi C, Morandi A, Montomoli C **Helmet usage patterns among non-competitive Italian cyclists** IX National congress SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "La statistica a supporto della salute: dalla prevenzione alla continuità delle cure" 13-16 September 2017 Gargnano, Italy

Popa I, **Ferraro OE**, Collivasone L, Sisto P, Montomoli C **Access to health care for women migrants in lombardy region, italy** IX National congress SISMEC (Società Italiana di Statistica Medica ed Epidemiologia Clinica) "La statistica a supporto della salute: dalla prevenzione alla continuità delle cure" 13-16 September 2017 Gargnano, Italy

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"Immunogenetica oggi: ricerca e innovazione" 3-5 October 2013 Pisa, Italy

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Baldi E, Contri E, Roman Burkart R, Borrelli P, **Ferraro OE**, Barbatì C, Gabbrìelli A, Bertaia D, Iozzo P, Tami C, Cereda C, Tinguely C, Lopez D, Boldarin S, Deiuri C, Dénéréaz S, Dénéréaz Y, Terrapon M, Cortegiani A **Hands-only CPR, are we doing the best? Results from Multicenter International Randomized Controlled Manikin Study on Different Protocols of Cardiopulmonary Resuscitation for laypeople (MANI-CPR Trial)** ERC Resuscitation Congress 19-21 September 2019, Lubjana, Slovenia

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Baroncini D, Annovazzi P, De Rossi N, Mallucci G, Torri Clerici V, Tonietti S,
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Papadakaki M, Stamouli MA, **Ferraro OE**, Sarris M, Pierrakos G, Orsi C, Otte D, Tzamalouka G, Von derGeest M, Lajunen T, Türker Ö, Sarris M, Gnardellis C, Morandi A, and Chliaoutakis J **Economic burden for individuals and health care systems resulting from injury sustained in road traffic crashes: Evidence from two-wheel users admitted in intensive care units of three European countries** 6th International Conference ICSC (International Cycling Safety Conference) 20-23 September 2017, Davis, USA

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Papadakaki M, Orsi C, Otte D, Morandi A, Tzamalouka G, von der Geest M, Lajunen, T, Ozkan T, Chliaoutakis J **and the Rehabil-aid team Factors affecting the rehabilitation from injuries sustained in road traffic crashes** 28th International Congress of Applied Psychology, 8-13 July 2014 Parigi, Francia

Ferraro OE, Orsi C, Montomoli C, Morandi A **A model of factorial analysis: reasons for using a helmet in a sample of non-competitive Italian cyclists** 5th International Cycling Safety Conference (ICSC2016) 3-4 November 2016 Bologna, Italy

Papadakaki M, **Ferraro OE**, Orsi C, Otte D, Morandi A, Tzamalouka G, von der Geest M, Lajunen T, Ozkan T, and Chliaoutakis J **The profile of severely injured in road traffic crashes: Baseline data from a longitudinal EU study**, Road Safety and Simulation International Conference (RSS), 6-8 October Orlando, Florida, USA

Papadakaki M, **Ferraro OE**, Orsi C, Otte D, Morandi A, Tzamalouka G, von der Geest M, Lajunen T, Ozkan T,

Anipsitaki M, Maragkaki P and Chliaoutakis J
Psychological sequel of injury sustained in road traffic crashes: Initial results from a cohort study in 3 European countries, 14th European Congress of Psychology, 7-10 Luglio 2015 Milano, Italy,

Kritsotakis G, Papadakaki M, **Ferraro OE**, Angelopoulou V, Pervolaraki M Georgopoulos D Tzilepi P, Patelarou A, Volakakis E, Kioulpalis A, Markakis Ch, Maragkakis J, Massud H, Androulaki Z, Zacharopoulos G, Tzamalouka G, Otte D, Morandi A and Chliaoutakis J **Assessment of the long-term physical, psychological and financial burden in patients with severe injury sustained in road traffic crashes (Rehabil-Aid)**, 25th Annual Art and Science of Health Promotion Conference, 30 Marzo-3 Aprile San Diego, California, USA

Papadakaki M, **Ferraro OE**, Orsi C, Otte D, Morandi A, Tzamalouka G, von der Geest M, Lajunen T, Ozkan T and Chliaoutakis J **The profile of the severely injured in road traffic crashes: Baseline data from a longitudinal study in Greece, Germany and Italy**, 10th Panhellenic Congress on Management, Economics and Health Policy, 16-19 Dicembre 2014 Athens, Greece

Papadakaki M, **Ferraro OE**, Orsi C, Otte D, Morandi A, Tzamalouka G, von der Geest M, Lajunen T, Ozkan T and Chliaoutakis J **The long-term effect of social support on the rehabilitation from injuries sustained in road traffic crashes**, 13th European Congress of Psychology, 9-12 July 2013 Sthockholm, Sweden

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- Assistant supervisor for bachelor thesis student Veronika Bodnaruk Course of Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro "**Il caso amianto: dalle patologie correlate e alla normativa vigente Focus su una provincia Italiana con un SIN per amianto**"

- Co-supervisor of bachelor thesis student Simone Lanfranchi, Course of Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro University of Pavia con titolo **“Pesticidi e patologie neurodegenerative: indagine sulla relazione tra esposizione a prodotti fitosanitari e mortalità nel contesto della provincia di Pavia”** AA2015/2016
- Co-supervisor of bachelor thesis student Luca Seresina, Course of Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro University of Pavia **“Studio sull'importanza della prevenzione e protezione stradale: riflessione sulla protezione della categoria ciclisti”** AA2015/2016
- Supervisor bachelor thesis student Giulia De Medici, Course of Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro University of Pavia **“Risultati dell'applicazione della strategia “SOBANE” in alcune strutture sanitarie per anziani”** AA2013/2014

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LANGUAGE, PERSONALS AND TECHNICAL SKILLS

Mother tongue(s) **ITALIAN**

Other language(s)

ENGLISH

| | |
|----------------|-----------------------------|
| • Reading | PROFICIENT USER |
| • Writing | INDEPENDENT USER |
| • Listening | INDEPENDENT USER |
| European Level | ENGLISH BICOCCA B1 SET/2006 |

SOCIAL SKILLS AND COMPETENCES

Team working: I have worked in various types of teams
Intercultural skills: I am experienced in working in European Projects
Mediating skills: I work on the borders between young people, youth trainers, doctors and researchers

ORGANISATIONAL SKILLS AND COMPETENCES

Good skills to help organize events and excellent problem solving skills
Good ability and precision to plan research work

COMPUTER SKILLS

SOFTWARE

- STATA
- MENDELEY
- Microsoft Office PACKAGE
- EPIINFO
- R
- SPSS
- SAS

Driving licence B

Additional information

Member of Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC) from 2012

"In compliance with the Italian art13 of legislative decree no196/2003, I hereby authorize you to use and process my personal details contained in this document"

Pavia 12 July 2023

Ottavia E Ferraro

Ottavia E. Ferraro