

PERSONAL INFORMATION

Chiara Poggi, MD, PhD



 Work Address:

Careggi University Hospital,
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Nationality Italian

WORK EXPERIENCE

2022-present **Antimicrobial Stewardship team, member**
Careggi University Hospital
Florence, Italy
Responsible for antimicrobial stewardship program in Neonatal Intensive Care Unit

2019-present **Infection Prevention and Control team, member**
Careggi University Hospital
Florence, Italy
Responsible for infection prevention and control program in Neonatal Intensive Care Unit

2010, May-present **Neonatologist, Consultant**
Neonatal Medicine and Neonatal Intensive Care Unit
Department of Mother and Child Health
Careggi University Hospital
Florence, Italy

Clinical activities: Neonatal intensive care, high dependency care, delivery Room emergencies, rooming-in post-natal care, follow-up of high risk newborns, cerebral ultrasound, cardiac ultrasound, chest ultrasound, prenatal consultant for high-risk pregnancies.

2010, March-April **Pediatrician/Neonatologist, Consultant**
Neonatal and Pediatric Unit
S. Maria Annunziata Hospital,
Florence, Italy

2009, November-2010, February **Neonatologist, Consultant**
Neonatal Unit
Villa Donatello Hospital,
Florence, Italy

MEDICAL REGISTRATION

2005-present Florence Medical Board, Florence, Italy
Registration #12471

EDUCATION AND TRAINING

- 2020-2021 **2nd Level University Master Degree in Central Venous Accesses in Pediatrics and Neonatology**
 Catholic University of the Sacred Heart, Rome, Italy
 Gemelli University Hospital, Rome, Italy
 Infermi Hospital, Rimini, Italy
- Academic Defence: Efficacy of cyanoacrylate glue for the reduction of extraluminal colonization of central venous catheters and CLABSI in NICU
- 2017-2018 **2nd Level University Master Degree in Pediatric Cardiology**
 Alma Mater Studiorum, University of Bologna, Bologna, Italy
 Sant'Orsola Malpighi University Hospital, Bologna, Italy
- 2010-2013 **PhD**
 Department of Critical Care Medicine and Surgery
 University of Florence, Florence, Italy
- Doctor of Philosophy in Clinical Physiopathology
 Academic Defence: Genetic polymorphisms of antioxidant enzymes as risk factors for oxidative stress-associated complications in preterm infants.
- 2008-2009 **Neonatology Fellowship**
 2008-2009 Careggi University Hospital, Neonatal Medicine and Neonatal Intensive Care Unit, Florence, Italy
 2005-2007 Meyer Children's Hospital, Neonatal Intensive Care Unit, Florence, Italy
 University of Florence, Florence, Italy
- Diploma, *summa cum laude* (November 2009)
 Academic Defence: Coagulopathy screening and early plasma treatment for the prevention of intraventricular haemorrhage in preterm infants.
- 2005-2007 **Pediatrics Residency**
 Meyer Children's Hospital and Careggi University Hospital
 1998-2004 University of Florence, Italy
- Medical School**
- 1998-2004 University of Florence, Italy
 1993-1998 Neonatology Internship, Careggi University Hospital of Florence
 Pediatrics Internship, Tallagh Children's Hospital, The Trinity College, Dublin, Ireland
- Medical Degree, *summa cum laude* (July 2004)
 Academic Defence: Prophylactic ibuprofen for the prevention of intraventricular haemorrhage among preterm infants.
- 1993-1998 **Undergraduate**
 Scientific High School "N.Rodolico"
 Florence, Italy

ACADEMIC ACTIVITIES

- 2012-present **Lecturer in Neonatology**
Teaching activity for Fellows in Neonatology
University of Florence
Florence, Italy
- 2010-present **Clinical and Research Mentor for Fellows in Neonatology**
Neonatal Medicine and Neonatal Intensive Care Unit
Careggi University Hospital
Florence, Italy
- 2010-present **Clinical and Research Mentor for Residents in Pediatrics**
Neonatal Medicine and Neonatal Intensive Care Unit
Careggi University Hospital
Florence, Italy
- 2013-2016 **Lecturer**
"Infectious diseases in pregnant women, fetus and newborns European Society of Clinical Microbiology (ESCMID) post-graduate education course"
Bertinoro, Italy
- 2021-present **Lecturer**
"Postgraduate University Course in antibiotic therapy in Pediatrics", University of Florence and Meyer Children Hospital, Florence, Italy
- 2018-present **Lecturer**
"2nd level Master Degree in Pediatric Infectious Disease", University of Florence and Meyer Children Hospital, Florence, Italy

ACADEMIC ACTIVITIES

- 2012-present Principal investigator/Co-investigator of several single center/multicenter, national and international studies.

CERTIFICATIONS

- 2009 Neonatal Resuscitation Program Provider (NRP)
- 2005 Pediatric Advanced Life Support Provider (PALS)
- 2004 Pediatric Basic Life Support Provider (PBLIS)
- 2004 Basic Life Support Provider (BLS)

ADDITIONAL COURSES & TRAININGS

- 2012 "Pediatric cardiology and clinical echocardiography Course", Monaldi Hospital, Naples, Italy
- 2015 "Chest ultrasound in newborns and children Course", S. Andrea Hospital, Rome, Italy
- 2016 "TINEC 2016-Training in Intensive Care and Neonatal Echocardiography", Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
- 2016 "Echocardiography in Congenital Heart Disease Course", The Royal Brompton Hospital, London, UK

HONORS AND AWARDS

- 2003-2004 Scholarship for the 5th and 6th year of Medical School, University of Florence.
- 2010 Scholarship for the study project entitled “ Genetic polymorphisms of antioxidant enzymes as risk factors for oxidative stress-associated complications in preterm infants”, University of Florence.
- 2014 Young investigator Award of the Italian Society of Neonatology for the congress abstract “Red blood cell transfusion and pro-inflammatory cytokines in preterm infants”.

PUBLICATIONS

Author of 49 publications in international peer-review journal and 1 book chapter (list in attachment).

INVITED REVIEWER

Pediatrics
Respiratory Research
Respiratory Care
American Journal of Perinatology
Oxidative Medicine and Cellular Longevity
Pediatric Infectious Disease Journal
BMC Pediatrics
BMC Infectious Diseases
Open Forum Infectious Diseases

MEMBERSHIP

- 2009-present The Italian Society of Pediatrics
- 2015-present The Italian Society of Neonatology
- 2018-present Section on Neonatal Infectious Diseases of the Italian Society of Neonatology
- 2020-present Section on Vascular Accesses of the Italian Society of Neonatology
- 2019-present ESPR, European Society for Pediatric Research

EDITORIAL BOARD

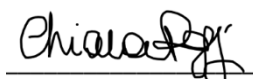
- 2016-2019 Member of editorial board, Oxidative Medicine and Cellular Longevity

INVITED LECTURES AND PRESENTATIONS

- 2012-present Invited speaker to several national and international congresses, on the themes of neonatal intensive care and neonatal infections.

Date November 30, 2023

Signature



LIST OF PUBLICATIONS

1. Poggi C, Ciarcia M, Miselli F, Dani C. Prognostic accuracy of Neonatal SOFA score versus SIRS criteria in preterm infants with late-onset sepsis. *Eur J Pediatr* 2023
2. Poggi C, Dani C. New Antimicrobials for the Treatment of Neonatal Sepsis Caused by Multi-Drug-Resistant Bacteria: A Systematic Review. *Antibiotics* 2023
3. Dani C, Luzzati M, Corsini I, Poggi C, Vangi V, Coviello C, Pratesi S. Cardiac Hypertrophy Associated with Insulin Therapy in Extremely Preterm Infants. *Paediatr Drugs* 2023
4. Poggi C, Lucenteforte E, Petri D, De Masi S, Dani C. Presepsin for the Diagnosis of Neonatal Early-Onset Sepsis: A Systematic Review and Meta-analysis. *JAMA Pediatr*. 2022
5. Pietrasanta C, Ronchi A, Vener C, Poggi C, Ballerini C, Testa L, Colombo RM, Spada E, Dani C, Mosca F, Pugni L. Presepsin (Soluble CD14 Subtype) as an Early Marker of Neonatal Sepsis and Septic Shock: A Prospective Diagnostic Trial. *Antibiotics*. 2021
6. Vento G, Ventura ML, Pastorino R, van Kaam AH, Carnielli V, Cools F, Dani C, Mosca F, Polglase G, Tagliabue P, Boni L, Cota F, Tana M, Tirone C, Aurilia C, Lio A, Costa S, D'Andrea V, Lucente M, Nigro G, Giordano L, Roma V, Villani PE, Fusco FP, Fasolato V, Colnaghi MR, Matassa PG, Vendettuoli V, Poggi C, Del Vecchio A, Petrillo F, Betta P, Mattia C, Garani G, Solinas A, Gitto E, Salvo V, Gargano G, Balestri E, Sandri F, Mescoli G, Martinelli S, Ilardi L, Ciarmoli E, Di Fabio S, Maranella E, Grassia C, Ausanio G, Rossi V, Motta A, Tina LG, Maiolo K, Nobile S, Messner H, Staffler A, Ferrero F, Stasi I, Pieragostini L, Mondello I, Haass C, Consigli C, Vedovato S, Grison A, Maffei G, Presta G, Perniola R, Vitaliti M, Re MP, De Curtis M, Cardilli V, Lago P, Tormena F, Orfeo L, Gizzi C, Massenzi L, Gazzolo D, Strozzi MCM, Bottino R, Pontiggia F, Berardi A, Guidotti I, Cacace C, Meli V, Quartulli L, Scorrano A, Casati A, Grappone L, Pillow JJ. Caution advised regarding lung recruitment before surfactant - Authors' reply. *Lancet Respir Med*. 2021
7. Dani C, Lista G, bianchi s, Mosca F, Schena F, Ramenghi L, Zecca E, Vento G, Poggi C, Leonardi V, Minghetti D, Rosignoli M, Calisti F, Comandini A, Cattaneo A, Lipone P. Intravenous paracetamol in comparison with ibuprofen for the treatment of patent ductus arteriosus in preterm infants: a randomized controlled trial. *Eur J Pediatr* 2020.
8. Vento G, Ventura ML, Pastorino R, van Kaam AH, Carnielli V, Cools F, Dani C, Mosca F, Polglase G, Tagliabue P, Boni L, Cota F, Tana M, Tirone C, Aurilia C, Lio A, Costa S, D'Andrea V, Lucente M, Nigro G, Giordano L, Roma V, Villani PE, Fusco FP, Fasolato V, Colnaghi MR, Matassa PG, Vendettuoli V, Poggi C, Del Vecchio A, Petrillo F, Betta P, Mattia C, Garani G, Solinas A, Gitto E, Salvo V, Gargano G, Balestri E, Sandri F, Mescoli G, Martinelli S, Ilardi L, Ciarmoli E, Di Fabio S, Maranella E, Grassia C, Ausanio G, Rossi V, Motta A, Tina LG, Maiolo K, Nobile S, Messner H, Staffler A, Ferrero F, Stasi I, Pieragostini L, Mondello I, Haass C, Consigli C, Vedovato S, Grison A, Maffei G, Presta G, Perniola R, Vitaliti M, Re MP, De Curtis M, Cardilli V, Lago P, Tormena F, Orfeo L, Gizzi C, Massenzi L, Gazzolo D, Strozzi MCM, Bottino R, Pontiggia F, Berardi A, Guidotti I, Cacace C, Meli V, Quartulli L, Scorrano A, Casati A, Grappone L, Pillow JJ. Lung recruitment before surfactant administration in extremely preterm neonates with respiratory distress syndrome (IN-REC-SUR-E): a randomised, unblinded, controlled trial. *Lancet Respir Med*. 2020
9. Poggi C, Vasarri MV, Boni L, Pugni L, Mosca F, Dani C. Reference ranges of Presepsin in preterm infants in the first 48 h of life: A multicenter observational study. *Clin Chim Acta* 2020.
10. Corsini I, Parri N, Gozzini E, Coviello C, Leonardi V, Poggi C, Giacalone M, Bianconi T, Tofani L, Raimondi F, Dani C. Lung Ultrasound for the Differential Diagnosis of Respiratory Distress in Neonates. *Neonatology* 2019
11. Dani C, Poggi C, Fancelli C, Pratesi S. Changes in bilirubin in infants with hypoxic-ischemic encephalopathy. *Eur J Pediatr* 2018
12. Poggi C, Dani C. Sepsis and Oxidative Stress in the Newborn: From Pathogenesis to Novel Therapeutic Targets. *Oxid Med Cell Longev*. 2018
13. Dani C, Poggi C, Pratesi S. Bilirubin and oxidative stress in term and preterm infants. *Free Radic Res*. 2019
14. Dani C, Poggi C, Cianchi I, Corsini I, Vangi V, Pratesi S. Effect on cerebral oxygenation of paracetamol for patent ductus arteriosus in preterm infants. *Eur J Pediatr*. 2018.
15. Dani C, Poggi C, Gozzini E, Leonardi V, Sereni A, Abbate R, Gori AM. Red blood cell transfusions can induce proinflammatory cytokines in preterm infants. *Transfusion*. 2017
16. Dani C, Drovandi L, Bertini G, Poggi C, Pratesi S. Unexpected episodes of cyanosis in late preterm and term neonates prompted admission to a neonatal care unit. *Ital J Pediatr*. 2017
17. Vento G, Pastorino R, Boni L, Cota F, Carnielli V, Cools F, Dani C, Mosca F, Pillow J, Polglase G, Tagliabue P, van Kaam AH, Ventura ML, Tana M, Tirone C, Aurilia C, Lio A, Ricci C, Gambacorta A, Consigli C, D'Onofrio D, Gizzi C, Massenzi L, Cardilli V, Casati A, Bottino R, Pontiggia F, Ciarmoli E, Martinelli S, Ilardi L, Colnaghi M, Matassa PG, Vendettuoli V, Villani P, Fusco F, Gazzolo D, Ricotti A, Ferrero F, Stasi I, Magaldi R, Maffei G, Presta G, Perniola R, Messina F, Montesano G, Poggi C, Giordano L, Roma E, Grassia C, Ausanio G, Sandri F, Mescoli G, Giura F, Garani G, Solinas A, Lucente M, Nigro G, Del Vecchio A, Petrillo F, Orfeo L, Grappone L, Quartulli L, Scorrano A, Messner H, Staffler A, Gargano G, Balestri E, Nobile S, Cacace C, Meli V, Dallaglio S, Pasqua B, Mattia L, Gitto E, Vitaliti M, Re MP, Vedovato S, Grison A, Berardi A, Torcetta F, Guidotti I, di Fabio S, Maranella E, Mondello I, Visentin S, Tormena F. Efficacy of a new technique - INtubate-REcruitSURfactant-Extubate - "IN-REC-SUR-E" - in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. *Trials*. 2016
18. Dani C, Poggi C, Mosca F, Schena F, Lista G, Ramenghi L, Romagnoli C, Salvatori E, Rosignoli MT, Lipone P, Comandini A. Efficacy and safety of intravenous paracetamol in comparison to ibuprofen for the treatment of patent ductus arteriosus in preterm infants: study protocol for a randomized control trial. *Trials* 2016
19. Poggi C, Giusti B, Gozzini E, Sereni A, Romagnuolo I, Kura A, Pasquini E, Abbate R, Dani C. Genetic Contributions to the Development of Complications in Preterm Newborns. *PLoS One*. 2015
20. Poggi C, Bianconi T, Gozzini E, Generoso M, Dani C. Presepsin for the detection of late-onset sepsis in preterm newborns.

- Pediatrics. 2015
21. Poggi C, Dani C. Antioxidant strategies and respiratory disease of the preterm newborn: an update. *Oxid Med Cell Longev* 2014.
 22. Dani C, Poggi C. The Role of Genetic Polymorphisms in Antioxidant Enzymes and Potential Antioxidant Therapies in Neonatal Lung Disease. *Antioxid Redox Signal* 2014.
 23. Dani C, Poggi C, Bresci C, Corsini I, Frosini S, Pratesi S. Early fresh-frozen plasma transfusion decreases the risk of retinopathy of prematurity. *Transfusion* 2014.
 24. Dani C, Fontanelli G, Lori I, Favelli F, Poggi C. Heliox non-invasive ventilation for preventing extubation failure in preterm infants. *J Matern Fetal Neonatal Med* 2013.
 25. Dani C, Poggi C. Nutrition and bronchopulmonary dysplasia. *J Matern Fetal Neonatal Med* 2012.
 26. Dani C, Poggi C, Fontanelli G. Relationship between platelet count and volume and spontaneous and pharmacological closure of ductus arteriosus in preterm infants. *Am J Perinatol* 2013.
 27. Poggi C, Giusti B, Vestri A, Pasquini E, Abbate R, Dani C. Genetic polymorphisms of antioxidant enzymes in preterm infants. *J Matern Fetal Neonatal Med* 2012.
 28. Giusti B, Vestrini A, Poggi C, Magi A, Pasquini E, Abbate R, Dani C. Genetic polymorphisms of antioxidant enzymes as risk factors for oxidative stress-associated complications in preterm infants. *Free Radic Res* 2012
 29. Dani C, Corsini I, Poggi C. Risk factors for intubation-surfactant-extubation (INSURE) failure and multiple INSURE strategy in preterm infants. *Early Hum Dev* 2012.
 30. Filippi L, Serafini L, Gozzini E, Poggi C, Moroni M, Fiorini P. Persistent pulmonary hypertension of the newborn refractory to inhaled nitric oxide and prostacyclin, responsive to neuromuscular blockade. *Minerva Pediatr* 2011.
 31. Dani C, Poggi C, Barp J, Berti E, Fontanelli G. Mean platelet volume and risk of bronchopulmonary dysplasia and intraventricular hemorrhage in extremely preterm infants. *Am J Perinatol*. 2011.
 32. Dani C, Poggi C, Barp J, Romagnoli C, Buonocore G. Current Italian practices regarding the management of hyperbilirubinaemia in preterm infants. *Acta Paediatr*. 2011.
 33. Filippi L, Poggi C, la Marca G, Furlanetto S, Fiorini P, Cavallaro G, Plantulli A, Donzelli G, Guerrini R. Oral topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia: a safety study. *J Pediatr* 2010.
 34. Filippi L, la Marca G, Fiorini P, Poggi C, Cavallaro G, Malvagia S, Pellegrini Giampietro DE, Guerrini R. Topiramate concentrations in neonates treated with prolonged whole body hypothermia for hypoxic ischemic encephalopathy. *Epilepsia* 2009.
 35. Dani C, Poggi C, Bertini G, Pratesi S, Di Tommaso M, Scarselli G, Rubaltelli FF. Method of delivery and intraventricular hemorrhage in extremely preterm infants. *J Matern Fetal Neonatal Med* 2010.
 36. Dani C, Poggi C, Ceciari F, Bertini G, Pratesi S, Rubaltelli FF. Coagulopathy screening and early plasma treatment for the prevention of intraventricular hemorrhage in preterm infants. *Transfusion* 2009.
 37. Dani C, Poggi C, Romagnoli C, Bertini G. Survival and major disability in infants born at 22-25 weeks of gestation. *J Perinat Med* 2009.
 38. Filippi L, La Marca G, Fiorini P, Poggi C, Cavallaro G, Malvagia S, Pellegrini Giampietro DE, Guerrini R. Topiramate concentrations in neonates treated with prolonged whole body hypothermia for hypoxic ischemic encephalopathy. *Epilepsia* 2009.
 39. Filippi L, Poggi C, Gozzini E, Meleleo R, Mirabile L, Fiorini P. Neonatal liver abscesses effectively treated with caspofungin. *Acta Paediatr* 2009.
 40. Filippi L, Poggi C, Serafini S, Fiorini P. Terlipressin as rescue treatment of refractory shock in a neonate. *Acta Paediatr* 2008.
 41. Filippi L, Pezzati M, Di Amario S, Poggi C. Fusidic acid and heparin lock solution for the prevention of catheter-related bloodstream infections in critically ill neonates: a retrospective study and a prospective, randomized trial. *Pediatr Crit Care Med* 2007.
 42. Filippi L, Poggi C, Pezzati M. Vein of Galen aneurismal malformation and galactosemia in a neonate: a previously unreported association. *Pediatric Anesthesia* 2007.
 43. Filippi L, Pezzati M, Cecchi A, Poggi C. Dopamine infusion: a possible cause of undiagnosed congenital hypothyroidism in preterm infants. *Pediatr Crit Care Med* 2007.
 44. Filippi L, Poggi C, Pezzati M. Dopamine administration in very low birth weight infants: emerging issues on endocrine effects. *Current Pediatric Reviews* 2007.
 45. Filippi L, Pezzati M, Poggi C, Rossi S, Cecchi A, Santoro C. Dopamine versus dobutamine in very low birth weight infants: endocrine effects. *Arch Dis Child Fetal Neonatal Ed* 2007.
 46. Filippi L, Pezzati M, Cecchi A, Serafini L, Poggi C, Dani C, Tronchin M, Seminara S. Dopamine Infusion and Pituitary Gland Function in Very Low Birth Weight Infants. *Biol Neonate* 2006.
 47. Filippi L, Poggi C, Pezzati M, Dani C, Favilli S. Pulmonary Hypertension of the Neonate Resistant to Inhaled Nitric Oxide. *J Pediatr* 2005; 147: 867.
 48. Filippi L, Pezzati M, Poggi C. Use of polyvinyl feeding tubes and iatrogenic pharyngo-oesophageal perforation in very low birth weight infants. *Acta Paediatr* 2005.
 49. Dani C, Bertini G, Pezzati M, Poggi C, Guerrini P, Martano C, Rubaltelli FF and IVH Ibuprofen Study Group. Prophylactic Ibuprofen for the Prevention of Intraventricular Hemorrhage among preterm infants: a multicenter randomized study. *Pediatrics*. 2000.

Book Chapter: Dani C, Poggi C. Antioxidant Properties of Surfactants. In P.A. Dennerly et al., *Perinatal and Prenatal Disorders, Oxidative Stress and Applied Basic Research and Clinical Practice*, Springer, New York, 2014.