

European

**CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name Valeria Meroni
Birth 1953
E-mail valeria.meroni@unipv.it

Nationality Italian

WORK EXPERIENCE

- Dates (from – to) 2020-ongoing
- Type of business or sector Aggregate Professor of Parasitology
- Name and address of employer University of Pavia, Corso Strada Nuova 64, 27100 Pavia, Italy
Department of Molecular medicine

- Dates (from – to) May 2002 – August 2020
- Name and address of employer University of Pavia, Corso Strada Nuova 64, 27100 Pavia, Italy

- Type of business or sector
 - Occupation or position held

Department of Internal medicine and Medical Therapy
Higher Education, Human Health
Assistant Professor (Ricercatore confermato)of Infectious Diseases.
Staff Biologist, Laboratory of Parasitology,
IRCCS San Matteo Hospital Foundation
Pavia

- Main activities and responsibilities

Clinical On the clinical front, I deal mainly with the diagnostics of Toxoplasma infection, especially with regards to vertical transmission. I collaborate with various specialists, notably Obstetricians, Neonatologists, Pediatricians and Oncologists-Hematologists, Ultrasound Expert dealing also with bone marrow and solid organ transplants. My Laboratory is a referral center for the serological diagnosis of *T.gondii* and we receive and process samples from all of Italy.

Research My research interest is the diagnosis of *T.gondii*, and in recent years I also developed a parallel line of research on the diagnostics of cystic echinococcosis, in collaboration with the group lead by E. Brunetti at the University of Pavia.

Over the years, I have developed a network of national and international collaborations, through which I have organized International Workshops, notably the ESCMID Postgraduate Education Course “Infectious Diseases in Pregnant Women, Fetuses and Newborns” that was held three times, in Bertinoro, Italy in 2010, 2013 and 2016 and in Sidney, Australia in 2018, in collaboration with Prof. Francesco Castelli (University of Brescia) and Prof Tiziana Lazzarotto. University of Bologna)

Teaching As an Assistant (Aggregate) Professor of Infectious Diseases , I teach diagnostics of parasitic diseases to undergraduates, graduate students and residents in Infectious Diseases and Clinical Microbiology. I am in charge of the Parasitology Course for Laboratory Technicians. I have been the supervisor of MD, BSc and Biotechnology theses for many students.

I am an official teacher at the Infectious Disease and Clinical Microbiology (Harvey, taught in English) at the University of Pavia.

- Dates (from – to)

1 April 1980 -30 April 2002
- Name and address of employer

Infectious Diseases Department IRCCS Policlinico San Matteo Hospital Foundation Viale Taramelli 5 27100 Pavia
- Type of business or sector

University -IRCCS
- Occupation or position held

Tecnico Laureato (1)
- Main activities and responsibilities

Teaching, researching , diagnostics

EDUCATION AND TRAINING

- Dates (from – to)

October 1979 - February 1982
- Name and type of

Postgraduate School in Medical Pathology University of Pavia

organisation providing
education and training

- Principal
subjects/occupational
skills covered

- Title of qualification
awarded

- Level in national
classification
(if appropriate)

- Dates (from – to)

- Name and type of
organisation providing
education and training

- Principal
subjects/occupational
skills covered

- Title of qualification
awarded

- Level in national
classification
(if appropriate)

October 1967 – July 1972

Liceo Classico “A.Racchetti” Crema, Italy

Maturità classica

Diagnosis of Infectious diseases

PhD - Medical Pathology ,

March 1978 Master Degree (cum laude) in Biological Sciences ,
University of Pavia, Pavia

**PERSONAL SKILLS
AND COMPETENCES**

*Acquired in the course of
life and career but not
necessarily covered by
formal certificates and
diplomas.*

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

Excellent

GOOD

GOOD

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

FRENCH

Good

BASIC

GOOD

**SOCIAL SKILLS
AND COMPETENCES**

*Living and working with
other people, in
multicultural environments,
in positions where
communication is
important and situations
where teamwork is
essential (for example
culture and sports), etc.*

From 2006 to 2023, Group leader of the Italian association of Clinical Microbiology (AMCLI) Working group on Maternal and Fetal Infections

**ORGANISATIONAL SKILLS
AND COMPETENCES**

*Coordination and
administration of people,
projects and budgets; at
work, in voluntary work
(for example culture and
sports) and at home, etc.*

I am a people's person and I enjoy meeting and connecting people

I am an avid reader and enjoy meeting people with interest in art, science, literature, cinema.

I am naturally drawn to organizing events of scientific and non-scientific nature and this translates into organizing national and international scientific meetings on Toxoplasmosis and other zoonoses/parasitic disease and

**TECHNICAL SKILLS
AND COMPETENCES**

*With computers, specific
kinds of equipment,
machinery, etc.*

ARTISTIC SKILLS

AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS

AND COMPETENCES

*Competences not mentioned
above.*

DRIVING LICENCE(S)

**ADDITIONAL
INFORMATION**

ANNEXES List of publications in peer-reviewed journals

1. Ruggiero M, Testa L, Ronchi A, Meroni V, Pagni L, Ronchi A, Pietrasanta C, Somigliana E, Tassis B. Antenatal toxoplasmosis screening and treatment in Northern Italy: update on the clinical effectiveness. *Minerva Obstet Gynecol.* 2024 Jun 13. doi: 10.23736/S2724-606X.24.05471-X. Epub ahead of print. PMID: 38869509
2. Caldrelli S, Vola A, Ferrari G, Ursini T, Mazzi C, Meroni V, Beltrame A. 2022 *Toxoplasma gondii* Serotypes in Italian and Foreign Populations: A Cross-Sectional Study Using a Homemade ELISA Test. *Microorganisms.* Aug 5;10(8):1577. doi: 10.3390/microorganisms10081577. PMID: 36013995; PMCID: PMC9415598.
3. Bollani L, Auriti C, Achille C, Garofoli F, De Rose DU, Meroni V, Salvatori G, Tzialla C 2022. Congenital Toxoplasmosis: The State of the Art. *Front Pediatr.* Jul 6;10:894573. doi: 10.3389/fped.2022.894573. PMID: 35874584; PMCID: PMC9301253.
4. Petersen E, Meroni V, Vasconcelos-Santos DV, Mandelbrot L, Peyron F. 2022 Congenital toxoplasmosis: Should we still care about screening? *Food Waterborne Parasitol.* May 11;27:e00162. doi: 10.1016/j.fawpar.2022.e00162. PMID: 35782022; PMCID: PMC9249550.
5. Meroni V, Genco F, Scudeller L, Brenier-Pinchart MP, Fricker-Hidalgo H, L'Ollivier C, Paris L, Pelloux H. 2022 Diagnostic Accuracy of LDBIO-Toxo II IgG and IgM Western Blot in Suspected Seroconversion in Pregnancy: A Multicentre Study. *Pathogens.* Jun 8;11(6):665. doi: 10.3390/pathogens11060665. PMID: 35745519; PMCID: PMC9231380.
6. Ma L, Papadopoulou M, Taton M, Genco F, Marchant A, Meroni V, Vermijlen D. 2021 Effector V γ 9V δ 2 T cell response to congenital *Toxoplasma gondii* infection. *JCI Insight.* Aug 23;6(16):e138066. doi: 10.1172/jci.insight.138066. PMID: 34255746; PMCID: PMC8409983.
7. Raimondi A, Poma G, Piralla A, Meroni V, Baldanti F, Filice C. Looking for fever in nursing home residents with COVID-19: A false friend? *Int J Infect Dis.* 2021 Mar;104:83-84. doi: 10.1016/j.ijid.2020.12.052. Epub 2020 Dec 21. PMID: 33359063; PMCID: PMC7751378.
8. Filice C, Poma GL, Above E, Dellafiore C, Ferrari G, Ghio S, Pichiecchio A, Asteggiano C, Calliada F, Meroni V. Is the fear of COVID-19 infection the same in all subjects? *Int J Infect Dis.* 2020 Aug;97:331-333. doi: 10.1016/j.ijid.2020.06.040. Epub 2020 Jun 15. PMID: 32553833; PMCID: PMC7295515.
9. Garnaud C, Fricker-Hidalgo H, Evengård B, Álvarez-Martínez MJ, Petersen E, Kortbeek LM, Robert-Gangneux F, Villena I, Costache C, Paul M, Meroni V, Guy E, Chiodini PL, Brenier-Pinchart MP, Pelloux H; under the auspices of the ESGCP of ESCMID. 2020 *Toxoplasma gondii*-specific IgG avidity testing in pregnant women. *Clin Microbiol Infect.* Sep;26(9):1155-1160. doi: 10.1016/j.cmi.2020.04.014. Epub 2020 Apr 22. PMID: 32334096.

10. Tomasoni LR, Messina G, Genco F, Scudeller L, Prestia M, Spinoni V, Bonfanti C, Prefumo F, Castelli F, Meroni V, 2019. Risk of congenital toxoplasmosis in women with low or indeterminate anti-Toxoplasma IgG avidity index in the first trimester of pregnancy: an observational retrospective study. *Clin Microbiol Infect* 25: 761 e9-761 e13.
11. Mariconti M, Vola A, Manciuilli T, Genco F, Lissandrin R, Meroni V, Rosenzvit M, Tamarozzi F, Brunetti E, 2019. Role of microRNAs in host defense against *Echinococcus granulosus* infection: a preliminary assessment. *Immunol Res* 67: 93-97.
12. Mariconti M, Vola A, Manciuilli T, Genco F, Lissandrin R, Meroni V, Rosenzvit M, Tamarozzi F, Brunetti E, 2019. Correction to: Role of microRNAs in host defense against *Echinococcus granulosus* infection: a preliminary assessment. *Immunol Res* 67: 98.
13. Marcer F, Marchiori E, Centelleghes C, Ajzenberg D, Gustinelli A, Meroni V, Mazzariol S, 2019. Parasitological and pathological findings in fin whales *Balaenoptera physalus* stranded along Italian coastlines. *Dis Aquat Organ* 133: 25-37.
14. Genco F, Sarasini A, Parea M, Prestia M, Scudeller L, Meroni V, 2019. Comparison of the LIAISON(R)XL and ARCHITECT IgG, IgM, and IgG avidity assays for the diagnosis of *Toxoplasma*, cytomegalovirus, and rubella virus infections. *New Microbiol* 42: 88-93.
15. Genco F, Antoniazzi E R M, Corcione A, Ferrari G, Bani E, Bonetti A, Suzani M, Meroni V. 2019. Diagnosis of Toxoplasmic Chorioretinitis: Moving Towards Standardized Assays *JSM Clin Pathol*. Vol. 1(1).
16. Robert-Gangneux F, Meroni V, Dupont D, Botterel F, Garcia JMA, Brenier-Pinchart MP, Accoceberry I, Akan H, Abbate I, Boggian K, Bruschi F, Carratala J, David M, Drgona L, Djurkovic-Djakovic O, Farinas MC, Genco F, Gkrania-Klotsas E, Groll AH, Guy E, Hirzel C, Khanna N, Kurt O, Junie LM, Lazzarotto T, Len O, Mueller NJ, Munoz P, Pana ZD, Roilides E, Stajner T, van Delden C, Villena I, Pelloux H, Manuel O, 2018. Toxoplasmosis in Transplant Recipients, Europe, 2010-2014. *Emerg Infect Dis* 24: 1497-1504.
17. Scudeller L, Genco F, Baldanti F, Comolli G, Albonico G, Prestia M, Meroni V, 2017. Occult HIV infection in a large sample of health-care users in Lombardy, Italy in 2014-2015: implications for control strategies. *Epidemiol Infect* 145: 2352-2359.
18. Decembrino N, Comelli A, Genco F, Vitullo A, Recupero S, Zecca M, Meroni V, 2017. Toxoplasmosis disease in paediatric hematopoietic stem cell transplantation: do not forget it still exists. *Bone Marrow Transplant* 52: 1326-1329.
19. Pagnozzi D, Addis MF, Biosa G, Roggio AM, Tedde V, Mariconti M, Tamarozzi F, Meroni V, Masu G, Masala G, Brunetti E, Uzzau S, 2016. Diagnostic Accuracy of Antigen 5-Based ELISAs for Human Cystic Echinococcosis. *PLoS Negl Trop Dis* 10: e0004585.
20. Mariconti M, Meroni V, Badulli C, Brunetti E, Tinelli C, De Silvestri A, Tamarozzi F, Genco F, Casulli A, Martinetti M, 2016. Correlation of serum sHLA-G levels with cyst stage in patients with cystic echinococcosis: is it an immune evasion strategy? *Parasite Immunol* 38: 414-8.
21. Lissandrin R, Tamarozzi F, Piccoli L, Tinelli C, De Silvestri A, Mariconti M, Meroni V, Genco F, Brunetti E, 2016. Factors Influencing the Serological Response in Hepatic *Echinococcus granulosus* Infection. *Am J Trop Med Hyg* 94: 166-71.
22. Beltrame A, Venturini S, Cricchiutti G, Meroni V, Buonfrate D, Bassetti M, 2016. Recurrent seizures during acute acquired toxoplasmosis in an immunocompetent traveller returning from Africa. *Infection* 44: 259-62.
23. Chapey E, Meroni V, Kieffer F, Bollani L, Ecochard R, Garcia P, Wallon M, Peyron F, 2015. Use of IgG in oral fluid to monitor infants with suspected congenital toxoplasmosis. *Clin Vaccine Immunol* 22: 398-403.
24. Tomasoni LR, Meroni V, Bonfanti C, Bollani L, Lanzarini P, Frusca T, Castelli F, 2014. Multidisciplinary approach to congenital *Toxoplasma* infection: an Italian nationwide survey. *New Microbiol* 37: 347-54.
25. Mariconti M, Bazzocchi C, Tamarozzi F, Meroni V, Genco F, Maserati R, Brunetti E, 2014. Immunoblotting with human native antigen shows stage-related sensitivity in the serodiagnosis of hepatic cystic echinococcosis. *Am J Trop Med Hyg* 90: 75-9.

26. Tamarozzi F, Sako Y, Ito A, Piccoli L, Grisolia A, Itoh S, Gatti S, Meroni V, Genco F, Brunetti E, 2013. Recombinant AgB8/1 ELISA test vs. commercially available IgG ELISA test in the diagnosis of cystic echinococcosis. *Parasite Immunol* 35: 433-40.
27. Piccoli L, Bazzocchi C, Brunetti E, Mihailescu P, Bandi C, Mastalier B, Cordos I, Beuran M, Popa LG, Meroni V, Genco F, Cretu C, 2013. Molecular characterization of *Echinococcus granulosus* in south-eastern Romania: evidence of G1-G3 and G6-G10 complexes in humans. *Clin Microbiol Infect* 19: 578-82.
28. Bozzetti V, Paterlini G, DeLorenzo P, Meroni V, Gazzolo D, Van Bel F, Visser GH, Valsecchi MG, Tagliabue PE, 2013. Feeding tolerance of preterm infants appropriate for gestational age (AGA) as compared to those small for gestational age (SGA). *J Matern Fetal Neonatal Med* 26: 1610-5.
29. Piccoli L, Meroni V, Genco F, Tamarozzi F, Tinelli C, Filice C, Brunetti E, 2012. Serum cytokine profile by ELISA in patients with echinococcal cysts of the liver: a stage-specific approach to assess their biological activity. *Clin Dev Immunol* 2012: 483935.
30. Tamarozzi F, Meroni V, Genco F, Piccoli L, Tinelli C, Filice C, Brunetti E, 2010. Ex vivo assessment of serum cytokines in patients with cystic echinococcosis of the liver. *Parasite Immunol* 32: 696-700.
31. Redaelli G, Annoni A, Caruso R, Formica F, Meroni V, Avalli L, 2010. Inter-hospital extracorporeal life support. *HSR Proc Intensive Care Cardiovasc Anesth* 2: 131-4.
32. Casulli A, Zeyhle E, Brunetti E, Pozio E, Meroni V, Genco F, Filice C, 2010. Molecular evidence of the camel strain (G6 genotype) of *Echinococcus granulosus* in humans from Turkana, Kenya. *Trans R Soc Trop Med Hyg* 104: 29-32.
33. Uglietti A, Ravasi G, Meroni V, Narciso P, Ladisa N, Martini S, Perini P, Testa L, Masala A, Malicarne L, Occhino C, Donadel E, Genco F, Chichino G, Maserati R, 2009. Nelfinavir+M8 plasma levels determined with an ELISA test in HIV infected patients with or without HCV and/or HBV coinfection: the VIRAKINETICS II study. *Curr HIV Res* 7: 293-301.
34. Meroni V, Genco F, Tinelli C, Lanzarini P, Bollani L, Stronati M, Petersen E, 2009. Spiramycin treatment of *Toxoplasma gondii* infection in pregnant women impairs the production and the avidity maturation of T. *gondii*-specific immunoglobulin G antibodies. *Clin Vaccine Immunol* 16: 1517-20.
35. Meroni V, Genco F, 2008. Toxoplasmosis in pregnancy: evaluation of diagnostic methods. *Parassitologia* 50: 51-3.
36. Ciardelli L, Meroni V, Avanzini MA, Bollani L, Tinelli C, Garofoli F, Gasparoni A, Stronati M, 2008. Early and accurate diagnosis of congenital toxoplasmosis. *Pediatr Infect Dis J* 27: 125-9.
37. Antoniazzi E, Guagliano R, Meroni V, Pezzotta S, Bianchi PE, 2008. Ocular impairment of toxoplasmosis. *Parassitologia* 50: 35-6.
38. Uglietti A, Genco F, Donadel E, Rinaldi S, Bastiani E, Maserati R, Meroni V, 2007. Evaluation of Elisa test for therapeutic monitoring of Nelfinavir in HIV-positive patients. *New Microbiol* 30: 318-20.
39. Sarchi E, Genco F, Di Matteo A, Castiglioni B, Minoli L, Meroni V, 2007. Surveillance of *Toxoplasma gondii* infection in recipients of thoracic solid organ transplants. *New Microbiol* 30: 299-302.
40. Peyron F, Lobry JR, Musset K, Ferrandiz J, Gomez-Marin JE, Petersen E, Meroni V, Rausher B, Mercier C, Picot S, Cesbron-Delauw MF, 2006. Serotyping of *Toxoplasma gondii* in chronically infected pregnant women: predominance of type II in Europe and types I and III in Colombia (South America). *Microbes Infect* 8: 2333-40.
41. Brunetti E, Filice C, Meroni V, 2006. Comment on percutaneous treatment of liver hydatid cysts. *AJR Am J Roentgenol* 186: 1198-9; author reply 1199-200.
42. Petersen E, Borobio MV, Guy E, Liesenfeld O, Meroni V, Naessens A, Spranzi E, Thulliez P, 2005. European multicenter study of the LIAISON automated diagnostic system for determination of *Toxoplasma gondii*-specific immunoglobulin G (IgG) and IgM and the IgG avidity index. *J Clin Microbiol* 43: 1570-4.
43. Meroni V, Bollani L, 2003. [Congenital toxoplasmosis: laboratory diagnosis]. *Pediatr Med Chir* 25: 218-9.

44. Meroni V, 1990. [Approach of a European health system. Particularities of the British system in the framework of the public hospital]. *Soins*: 41-50.
45. Taglioretti A, Vucetich A, Agostoni G, Ravizza M, Meroni V, Semprini AG, Pardi G, 1989. [Prenatal diagnosis of congenital toxoplasmosis]. *Ann Ostet Ginecol Med Perinat* 110: 49-54.
46. Filice G, Carnevale G, Orsolini P, Soldini L, Meroni V, Comolli G, Carengo L, 1989. Chemotherapy of toxoplasmic encephalitis in AIDS patients. *J Chemother* 1: 949-50.
47. Filice G, Carnevale G, Meroni V, Caligaris S, Ottoboni P, Milano F, Carosi G, 1986. IgM-IFA, IgM-ELISA, DS-IgM-ELISA, IgM-ISAGA, performed on whole serum and IgM fractions, for detection of IgM anti-toxoplasma antibodies during pregnancy. *Boll Ist Sieroter Milan* 65: 131-7.
48. Corridori S, Gorini P, Trespi G, Meroni V, Campisi D, Chiesa A, 1986. [Comparative evaluation of the diagnostic specificity and sensitivity of various 3d generation tests for the detection of markers of hepatitis B virus in serum--II--anti-HBc IgM]. *Boll Ist Sieroter Milan* 65: 332-41.
49. Filice G, Carnevale G, Meroni V, Ottoboni P, Caligaris S, Carosi G, 1985. Comparison between IgM-IFA and DS-IgM-ELISA performed on IgM fractions and whole sera in acute acquired toxoplasmosis. *Boll Ist Sieroter Milan* 64: 311-4.
50. Filice G, Carnevale G, Meroni V, Olliario P, Gagliardi V, Vaccari E, Carosi G, 1984. Detection of IgM-anti-toxoplasma antibodies in acute acquired and congenital toxoplasmosis. *Boll Ist Sieroter Milan* 63: 453-7.
51. Filice G, Carnevale G, Meroni V, Gagliardi V, Castelli F, Carosi G, 1984. An improved method for increasing the sensitivity of direct agglutination test (D.A.T.) to the detection of IgM and IgG anti-toxoplasma antibodies. *Boll Ist Sieroter Milan* 63: 458-61.
52. Filice G, Carnevale G, Meroni V, Barcella M, Carosi G, 1984. A comparison of IHA and ELISA tests in the detection of antibodies to entamoeba histolytica. *Boll Ist Sieroter Milan* 63: 510-2.
53. Filice G, Meroni V, Carnevale G, Olliario P, Carosi G, 1983. Comparison of ELISA and indirect immunofluorescence in the detection of IgG and IgM antitoxoplasma antibodies. *Boll Ist Sieroter Milan* 62: 445-50.
54. Scevola D, Magliulo E, Barbarini G, Marone P, Filice C, Carnevale G, Meroni V, 1982. Possible antiendotoxin activity of (+)-cyanidanol-3 in experimental hepatitis in the rat. *Hepatogastroenterology* 29: 178-82.
55. Filice G, Carnevale G, Meroni V, Gorini G, Carosi G, 1982. Comparison between the complement fixation test LBCF-H100-TTE, IHAT and IgM-IFAT performed on pure IgM fractions in acute acquired and congenital toxoplasmosis. *Boll Ist Sieroter Milan* 61: 235-8.
56. Filice G, Meroni V, Carnevale G, Benzi-Cipelli R, Carosi G, 1981. Reliability of IgM-IFA and IgM-IHA tests on pure IgM fractions obtained by a simple gel filtration method in acquired and congenital toxoplasmosis. *Int J Biol Res Pregnancy* 2: 114-6.
57. Filice G, Carnevale G, Meroni V, Parisi A, Passarani N, 1981. A new complement fixation test for toxoplasmosis. Comparison with other serological methods. *Boll Ist Sieroter Milan* 60: 129-36.
58. Carosi G, Filice G, Meroni V, Belloni C, Gerola O, Pesando P, 1981. Congenital toxoplasmosis: a serologic screening of 963 mothers and their children at birth. *Int J Biol Res Pregnancy* 2: 117-22.
59. Filice G, Carnevale G, Meroni V, Lanzarini P, Carosi G, 1980. Kinetics of IgM and IgG antibodies in mice experimentally infected with cystogenic strain of *Toxoplasma gondii*. *Boll Ist Sieroter Milan* 59: 604-11.
60. Carosi G, Filice G, Carnevale G, Meroni V, Passarani N, 1980. Immuno-electron microscopic localization of antigenic sites for specific immunoglobulins G and M on *Toxoplasma gondii* surface. *Boll Ist Sieroter Milan* 59: 25-30.

Percorsi Diagnostici AMCLI Infezioni a trasmissione Verticale

Group coordinator for

2023-08 *Toxoplasma Gondii*

2022-20 Infertilità di coppia nella procreazione medicalmente assistita (PMA)

<https://www.amcli.it/documenti/percorsiagnostici>

