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ESPERIENZA LAVORATIVA

Università degli Studi di Pavia – Pavia, Italia

Città: Pavia | Paese: Italia

RTDB

[01/07/2025 – Attuale]

Malattie Infettive, Policlinico IRCCS San Matteo, Pavia – Pavia, Italia

Città: Pavia | Paese: Italia

Dirigente Medico

[02/2020 – Attuale]

Università degli Studi di Pavia – Pavia, Italia

Città: Pavia | Paese: Italia

Professore a contratto di Microbioma Orale

[2022 – Attuale]

Infectious Disease Unit, Policlinico IRCCS San Matteo, Pavia – Pavia, Italia

Città: Pavia | Paese: Italia

Researcher

[31/03/2022 – 30/06/2022]

Clinical research in infectious disease
Research supervisor and liaison for the infectious disease unit

Community Health Service – Pavia, Italia

Città: Pavia | Paese: Italia

General practitioner

[30/11/2019 – 27/02/2020]

General practitioner for the community health service.

Children's Cystic Fibrosis reference Centre for Lombardy, Policlinico di Milano – Milan, Italia

Città: Milan | Paese: Italia

Research Grant

[11/2016 – 09/2017]

- Performance of Multiple Breath Washout in the outpatient clinic and in the wards on patients with cystic fibrosis and other pediatric chronic pulmonary diseases (i.e. Kartagener's syndrome, bronchiectasis, immunodeficiencies)
- Lung Clearance Index interpretation
- Data Collection and database management for scientific research

Hospital São Julião – Campo Grande, Brasile

Città: Campo Grande | Paese: Brasile

Educator

[06/2012 – 07/2012]

Social and health assistance to patients with Hansen's disease and AIDS.

 **Campus IFOM-IEO – Milan, Italia**

Città: Milan | Paese: Italia

Internship

[02/08/2009 – 13/08/2009]

- Laboratory activities for a research project on oncogene p2
- Compilation of relative scientific posters and reports.

ISTRUZIONE E FORMAZIONE

Next Generation Master Class in HIV

SIMIT [2023 – 2024]

Corso di Perfezionamento in Ecografia Internistica

Università degli Studi di Pavia [2022 – 2025]

Residency in Infectious and Tropical Diseases

University of Pavia [28/12/2017 – 20/12/2021]

Indirizzo: Strada Nuova, 27100 Pavia (Italia) | **Voto finale:** 50/50 cum laude | **Tesi:** Dynamic NLR and PLR in predicting Covid-19 severity: a retrospective cohort study

Master's degree in Medicine and Surgery

University of Pavia [2009 – 2015]

Indirizzo: Strada Nuova, 27100 Pavia (Italia) | **Voto finale:** 110/110 cum laude | **Tesi:** Lung Clearance Index: understanding variability from a paediatric perspective

Erasmus +

Royal Brompton Hospital - Imperial College of London [01/2016 – 08/2016]

Città: London | Paese: Regno Unito

Research work conducted in the Gene Therapy department of the National Heart and Lung Institute produced a graduation thesis. Its abstract won the Young Investigator Award and was presented at the 14^o annual ECFS Diagnostic Working Group meeting (Ljubljana, 16-18th February 2017)

Erasmus

Universidade do Porto [07/2013 – 07/2014]

Città: Porto | Paese: Portogallo

High school (scientific branch)

IIS S. Allende [2004 – 2009]

Città: Milan | Paese: Italia | **Voto finale:** 100/100 cum laude

COMPETENZE LINGUISTICHE

Lingua madre: italiano

Altre lingue:

inglese

ASCOLTO C1 LETTURA C2 SCRITTURA C2
PRODUZIONE ORALE C1 INTERAZIONE ORALE C1

portoghese

ASCOLTO B1 LETTURA B2 SCRITTURA B1
PRODUZIONE ORALE B1 INTERAZIONE ORALE B1

spagnolo

ASCOLTO A2 LETTURA A2 SCRITTURA A2
PRODUZIONE ORALE A2 INTERAZIONE ORALE A2

Livelli: A1 e A2: Livello elementare B1 e B2: Livello intermedio C1 e C2: Livello avanzato

PUBBLICAZIONI

[2018]

A clinical case of sepsis due to Staphylococcus pettenkoferi

Vecchia M, Lombardi A, Zuccaro V, Mariani B, Morea A, Asperges E, Grecchi C, Sacchi P, Bruno R. A clinical case of sepsis due to Staphylococcus pettenkoferi. *Infez Med.* 2018 Dec 1;26(4):369-373. PMID: 30555143.

Infez Med

[2021]

HBV and HDV: New Treatments on the Horizon

Zuccaro,V.;Asperges,E.; Colaneri, M.; Marvulli, L.N.; Bruno, R. HBV and HDV: New Treatments on the Horizon. *J. Clin. Med.* **2021**, *10*, 4054. <https://doi.org/10.3390/jcm10184054>

Journal of Clinical Medicine

[2021]

Impact of Pneumococcal Urinary Antigen Testing in COVID-19 Patients: Outcomes from the San Matteo COVID-19 Registry (SMACORE)

Valsecchi,P.;Colaneri,M.; Zuccaro, V.; Asperges, E.; Costanzo, F.; Mariani, B.; Roda, S.; Minucci, R.; Bertuccio, F.; Fraiolini, E.; et al. Impact of Pneumococcal Urinary Antigen Testing in COVID-19 Patients: Outcomes from the San Matteo COVID-19 Registry (SMACORE). *J. Pers. Med.* **2021**, *11*, 762. <https://doi.org/10.3390/jpm11080762>

Journal of Personalized Medicine

[2021]

A Case Report of Disseminated Histoplasmosis in AIDS Diagnosed Through Peripheral Blood Smear

Asperges E, Cavanna C, Mollaschi EMG, Seminari EM. A Case Report of Disseminated Histoplasmosis in AIDS Diagnosed Through Peripheral Blood Smear. *Curr HIV Res.* 2021;19(5):457-459. doi: 10.2174/1570162X19666210607120404. PMID: 34109913.

Current HIV Research

[2022]

Mortality due to COVID-19 during the pandemic: a comparison of first, second and third SMAtteo COvid19 REgistry (SMACORE)

V. Zuccaro, M. Colaneri, E. Asperges, P. Valsecchi, M. Sambo, L. Maiocchi, P. Sacchi, A. Muzzi, V. Musella, S. Cutti, M. Rettani, F. Mojoli, S. Perlini, A.G. Corsico, A. Di Sabatino, E. Brunetti, R. Bruno, C. Klersy, Mortality due to COVID-19 during the pandemic: a comparison of first, second and third SMAtteo COvid19 REgistry (SMACORE), HELIYON, <https://doi.org/10.1016/j.heliyon.2022.e08895>.

Heliyon

[2022]

Psychological Support in a COVID-19 Hospital: A Community Case Study

Asperges E, Rizzi D, Rovati A, Bigoni F, Pistillo E, Corsico A, Mojoli F, Perlini S and Bruno R (2022) Psychological Support in a COVID-19 Hospital: A Community Case Study. *Front. Psychol.* 12:820074. doi: 10.3389/fpsyg.2021.820074

Frontiers in Psychology

[2021]

Performance of Existing Definitions and Tests for the Diagnosis of Invasive Fungal Diseases other than Invasive Candidiasis and Invasive Aspergillosis in Critically Ill, Adult Patients: A Systematic Review with Qualitative Evidence Synthesis

Giacobbe DR, Cortegiani A, Karaiskos I, Mercier T, Tejada S, Peghin M, Grecchi C, Rebuffi C, Asperges E, Zuccaro V, Scudeller L, Bassetti M, the FUNDICU investigators. Performance of Existing Definitions and Tests for the Diagnosis of Invasive Fungal Diseases other than Invasive Candidiasis and Invasive Aspergillosis in Critically Ill, Adult Patients: A Systematic Review with Qualitative Evidence Synthesis. *Journal of Fungi.* 2021; 7(3):176. <https://doi.org/10.3390/jof7030176>

Journal of Fungi

[2021]

Competing-risk analysis of coronavirus disease 2019 in-hospital mortality in a Northern Italian centre from SMAtteo COvid19 REgistry (SMACORE)

Zuccaro V, Celsa C, Sambo M, Battaglia S, Sacchi P, Biscarini S, Valsecchi P, Pieri TC, Gallazzi I, Colaneri M, Sachs M, Roda S, Asperges E, Lupi M, Di Filippo A, Seminari E, Di Matteo A, Novati S, Maiocchi L, Enea M, Attanasio M, Cammà C, Bruno R. Competing-risk analysis of coronavirus disease 2019 in-hospital mortality in a Northern Italian centre from SMAtteo COvid19 REgistry (SMACORE). *Sci Rep.* 2021 Jan 13;11(1):1137. doi: 10.1038/s41598-020-80679-2. PMID: 33441892; PMCID: PMC7806993.

Scientific Reports

[2021]

EBV DNA increase in COVID-19 patients with impaired lymphocyte subpopulation count

Paolucci S, Cassaniti I, Novazzi F, Fiorina L, Piralla A, Comolli G, Bruno R, Maserati R, Gulminetti R, Novati S, Mojoli F, Baldanti F; San Matteo Pavia COVID-19 Task Force. EBV DNA increase in COVID-19 patients with impaired lymphocyte subpopulation count. *Int J Infect Dis.* 2021 Mar;104:315-319. doi: 10.1016/j.ijid.2020.12.051. Epub 2020 Dec 21. PMID: 33359064; PMCID: PMC7833117.

Int J Infect Dis

[2020]

Venous thromboembolism and COVID-19: a single center experience from an academic tertiary referral hospital of Northern Italy

Melazzini F, Colaneri M, Fumoso F, Freddi G, Lenti MV, Pieri TC, Piloni D, Noris P, Pieresca C, Preti PS, Russo M, Corsico A, Tavazzi G, Baldanti F, Triarico A, Mojoli F, Bruno R, Di Sabatino A; San Matteo Pavia COVID-19 Task Force. Venous thromboembolism and COVID-19: a single center experience from an academic tertiary referral hospital of Northern Italy. *Intern Emerg Med.* 2021 Aug;16(5):1141-1152. doi: 10.1007/s11739-020-02550-6. Epub 2020 Nov 8. Erratum in: *Intern Emerg Med.* 2021 Jan 5;; PMID: 33161478; PMCID: PMC7648897.

Intern Emerg Med

[2020]

Clinical characteristics of coronavirus disease (COVID-19) early findings from a teaching hospital in Pavia, North Italy, 21 to 28 February 2020

Colaneri M, Sacchi P, Zuccaro V, Biscarini S, Sachs M, Roda S, Pieri TC, Valsecchi P, Piralla A, Seminari E, Di Matteo A, Novati S, Maiocchi L, Pagnucco L, Tirani M, Baldanti F, Mojoli F, Perlini S, Bruno R; COVID19 IRCCS San Matteo Pavia Task Force. Clinical characteristics of coronavirus disease (COVID-19) early findings from a teaching hospital in Pavia, North Italy, 21 to 28 February 2020. *Euro Surveill.* 2020 Apr;25(16):2000460. doi: 10.2807/1560-7917.ES.2020.25.16.2000460. PMID: 32347201; PMCID: PMC7189652.

Euro Surveillance

[2020]

Compassionate Use of Remdesivir for Patients with Severe Covid-19

Grein J, Ohmagari N, Shin D, Diaz G, Asperges E, Castagna A, Feldt T, Green G, Green ML, Lescure FX, Nicastri E, Oda R, Yo K, Quiros-Roldan E, Studemeister A, Redinski J, Ahmed S, Burnett J, Chelliah D, Chen D, Chihara S, Cohen SH, Cunningham J, D'Arminio Monforte A, Ismail S, Kato H, Lapadula G, L'Her E, Maeno T, Majumder S, Massari M, Morarillo M, Mutoh Y, Nguyen D, Verweij E, Zoufaly A, Osinusi AO, DeZure A, Zhao Y, Zhong L, Chokkalingam A, Elboudwarej E, Telep L, Timbs L, Henne I, Sellers S, Cao H, Tan SK, Winterbourne L, Desai P, Mera R, Gaggar A, Myers RP, Brainard DM, Childs R, Flanigan T. Compassionate Use of Remdesivir for Patients with Severe Covid-19. *N Engl J Med.* 2020 Jun 11;382(24):2327-2336. doi: 10.1056/NEJMoa2007016. Epub 2020 Apr 10. PMID: 32275812; PMCID: PMC7169476.

New England Journal of Medicine

[2020]

Detection of the SARS-CoV-2 in different biologic specimens from positive patients with COVID-19, in Northern Italy

Novazzi, F, Cassaniti, I, Piralla, A, Di Sabatino, A, Bruno, R, Baldanti, F; for the San Matteo Pavia COVID-19 Task Force. Detection of the SARS-CoV-2 in different biologic specimens from positive patients with COVID-19, in Northern Italy. *Pediatr Allergy Immunol* 2020; 31(Suppl. 26): 72– 74. <https://doi.org/10.1111/pai.13366>

Pediatr Allergy Immunol

[2020]

Emergency Department and Out-of-Hospital Emergency System (112-AREU 118) integrated response to Coronavirus Disease 2019 in a Northern Italy centre.

Perlini S, Canevari F, Cortesi S, Sgromo V, Brancaglione A, Contri E, Pettenazza P, Salinaro F, Speciale F, Sechi G, Mare C, Cutti S, Novelli V, Marena C, Muzzi A, Bruno R, Palo A; COVID19 IRCCS San Matteo Pavia Task Force. Emergency Department and Out-of-Hospital Emergency System (112-AREU 118) integrated response to Coronavirus Disease 2019 in a Northern Italy centre. *Intern Emerg Med.* 2020 Aug;15(5):825-833. doi: 10.1007/s11739-020-02390-4. Epub 2020 Jun 8. PMID: 32507926; PMCID: PMC7276336.

Intern Emerg Med

[2020]

Lack of SARS-CoV-2 RNA environmental contamination in a tertiary referral hospital for infectious diseases in Northern Italy.

Colaneri M, Seminari E, Piralla A, Zuccaro V, Filippo AD, Baldanti F, Bruno R, Mondelli MU; COVID19 IRCCS San Matteo Pavia Task Force. Lack of SARS-CoV-2 RNA environmental contamination in a tertiary referral hospital for infectious

diseases in Northern Italy. *J Hosp Infect.* 2020 Mar 19;105(3):474–6. doi: 10.1016/j.jhin.2020.03.018. Epub ahead of print. PMID: 32201338; PMCID: PMC7156210.

J Hosp Infect

[2020]

Low risk for SARS-CoV2 symptomatic infection and early complications in paediatric patients during the ongoing COVID19 epidemics in Lombardy

Rovida F, Cereda D, Novati S, Licari A, Triarico A, Marseglia GL, Bruno R, Baldanti F; San Matteo Pavia COVID-19 Task Force. Low risk for SARS-CoV2 symptomatic infection and early complications in paediatric patients during the ongoing COVID19 epidemics in Lombardy. *Clin Microbiol Infect.* 2020 Nov;26(11):1569-1571. doi: 10.1016/j.cmi.2020.06.006. Epub 2020 Jun 12. PMID: 32535148; PMCID: PMC7289743.

Clin Microbiol Infect

[2020]

Performance of existing definitions and tests for the diagnosis of invasive aspergillosis in critically ill, adult patients: A systematic review with qualitative evidence synthesis.

Bassetti M, Giacobbe DR, Grecchi C, Rebuffi C, Zuccaro V, Scudeller L; FUNDICU investigators. Performance of existing definitions and tests for the diagnosis of invasive aspergillosis in critically ill, adult patients: A systematic review with qualitative evidence synthesis. *J Infect.* 2020 Jul;81(1):131-146. doi: 10.1016/j.jinf.2020.03.065. Epub 2020 Apr 21. PMID: 32330523.

J Infect

[2020]

Performance of VivaDiag COVID-19 IgM/IgG Rapid Test is inadequate for diagnosis of COVID-19 in acute patients referring to emergency room department.

Cassaniti I, Novazzi F, Giardina F, Salinaro F, Sachs M, Perlini S, Bruno R, Mojoli F, Baldanti F; Members of the San Matteo Pavia COVID-19 Task Force. Performance of VivaDiag COVID-19 IgM/IgG Rapid Test is inadequate for diagnosis of COVID-19 in acute patients referring to emergency room department. *J Med Virol.* 2020 Oct;92(10):1724-1727. doi: 10.1002/jmv.25800. Epub 2020 Apr 8. PMID: 32227490; PMCID: PMC7228409.

J Med Virol

[2020]

PK/PD and antiviral activity of anti-HCV therapy: is there still a role in the choice of treatment?

Zuccaro V, Lombardi A, Asperges E, Sacchi P, Bruno R. PK/PD and antiviral activity of anti-HCV therapy: is there still a role in the choice of treatment? *Expert Opin Drug Metab Toxicol.* 2020 Feb;16(2):97-101. doi: 10.1080/17425255.2020.1721459. Epub 2020 Jan 31. PMID: 32003256.

Expert Opin Drug Metab Toxicol

[2020]

Rapid response to COVID-19 outbreak in Northern Italy: how to convert a classic infectious disease ward into a COVID-19 response centre

Asperges E, Novati S, Muzzi A, Biscarini S, Sciarra M, Lupi M, Sambo M, Gallazzi I, Peverini M, Lago P, Mojoli F, Perlini S, Bruno R; COVID-19 IRCCS San Matteo Pavia Task Force. Rapid response to COVID-19 outbreak in Northern Italy: how to convert a classic infectious disease ward into a COVID-19 response centre. *J Hosp Infect.* 2020 Mar 20;105(3):477–9. doi: 10.1016/j.jhin.2020.03.020. Epub ahead of print. PMID: 32205162; PMCID: PMC7118420.

J Hosp Infect

[2020]

SARS Cov-2 infection in a renal-transplanted patient: A case report.

Seminari E, Colaneri M, Sambo M, Gallazzi I, Di Matteo A, Roda S, Bruno R; COVID19 IRCCS San Matteo Pavia Task Force. SARS Cov-2 infection in a renal-transplanted patient: A case report. *Am J Transplant*. 2020 Jul;20(7):1882-1884. doi: 10.1111/ajt.15902. Epub 2020 May 10. PMID: 32243672.

Am J Transplant

[2020]

Severe acute respiratory syndrome coronavirus 2 RNA contamination of inanimate surfaces and virus viability in a health care emergency unit

Colaneri M, Seminari E, Novati S, Asperges E, Biscarini S, Piralla A, Percivalle E, Cassaniti I, Baldanti F, Bruno R, Mondelli MU; COVID19 IRCCS San Matteo Pavia Task Force. Severe acute respiratory syndrome coronavirus 2 RNA contamination of inanimate surfaces and virus viability in a health care emergency unit. *Clin Microbiol Infect*. 2020 Aug;26(8):1094.e1-1094.e5. doi: 10.1016/j.cmi.2020.05.009. Epub 2020 May 22. PMID: 32450255; PMCID: PMC7243766.

Clin Microbiol Infect

[2019]

The Possible Role of Gut Microbiota and Microbial Translocation Profiling During Chemo-Free Treatment of Lymphoid Malignancies

Zuccaro V, Lombardi A, Asperges E, Sacchi P, Marone P, Gazzola A, Arcaini L, Bruno R. The Possible Role of Gut Microbiota and Microbial Translocation Profiling During Chemo-Free Treatment of Lymphoid Malignancies. *Int J Mol Sci*. 2019 Apr 9;20(7):1748. doi: 10.3390/ijms20071748. PMID: 30970593; PMCID: PMC6480672.

Int J Mol Sci

[2022]

Culture negative endocarditis and the role of proper blood culture collection: results from a tertiary care Centre of Northern Italy

Elena Seminari, Patrizia Cambieri, Teresa Chiara Pieri, Silvia Roda, Marta Colaneri, Ilaria Gallazzi, Erika Asperges, Enrica Bono, Raffaella Lissandrini, Lea Nadia Marvulli & Raffaele Bruno (2022): Culture negative endocarditis and the role of proper blood culture collection: results from a tertiary care Centre of Northern Italy, *Infectious Diseases*, DOI: 10.1080/23744235.2022.2121854

Infectious Diseases

[2022]

Despite Vaccination: A Real-Life Experience of Severe and Life-Threatening COVID-19 in Vaccinated and Unvaccinated Patients

Asperges, E.; Colaneri, M.; Calia, M.; Sacchi, P.; Rettani, M.; Cutti, S.; Albi, G.; Bruno, R. Despite Vaccination: A Real-Life Experience of Severe and Life-Threatening COVID-19 in Vaccinated and Unvaccinated Patients. *Vaccines* **2022**, *10*, 1540. <https://doi.org/10.3390/vaccines10091540>

Vaccines

[2022]

Immunity to SARS-CoV-2 up to 15 months after infection

Marcotte H, Piralla A, Zuo F, Du L, Cassaniti I, Wan H, Kumagai-Braesh M, Andréll J, Percivalle E, Sammartino JC, Wang Y, Vlachiots S, Attevall J, Bergami F, Ferrari A, Colaneri M, Vecchia M, Sambo M, Zuccaro V, Asperges E, Bruno R, Oggionni T, Meloni F, Abolhassani H, Bertoglio F, Schubert M, Calzolari L, Varani L, Hust M, Xue Y, Hammarström L, Baldanti F, Pan-Hammarström Q. Immunity to SARS-CoV-2 up to 15 months after infection. *iScience*. 2022 Feb 18;25(2):103743. doi: 10.1016/j.isci.2022.103743. Epub 2022 Jan 7. PMID: 35018336; PMCID: PMC8736281.

iScience

[2022]

Performance of existing definitions and tests for the diagnosis of invasive aspergillosis in critically ill, nonneutropenic, adult patients: an update including COVID-19 data

Matteo Bassetti, Valentina Zuccaro, Erika Asperges, Luigia Scudeller, Daniele Roberto Giacobbe, the FUNDICU investigators, Performance of existing definitions and tests for the diagnosis of invasive aspergillosis in critically ill, nonneutropenic, adult patients: an update including COVID-19 data, *Journal of Infection* (2022), doi: <https://doi.org/10.1016/j.jinf.2022.08.003>

Journal of Infection

[2022]

Performance of existing clinical scores and laboratory tests for the diagnosis of invasive candidiasis in critically ill, nonneutropenic, adult patients: A systematic review with qualitative evidence synthesis

Giacobbe DR, Asperges E, Cortegiani A, Grecchi C, Rebuffi C, Zuccaro V, Scudeller L, Bassetti M; FUNDICU investigators. Performance of existing clinical scores and laboratory tests for the diagnosis of invasive candidiasis in critically ill, nonneutropenic, adult patients: A systematic review with qualitative evidence synthesis. *Mycoses*. 2022 Aug 8. doi: 10.1111/myc.13515. Epub ahead of print. PMID: 35938455.

Mycoses

[2022]

The infection risk after transjugular intrahepatic portosystemic shunt: A multiple competing risk analysis from a tertiary care center

Colaneri M, Lombardi A, Maffezzoni M, Sambo M, Fabbiani M, Quaretti P, Asperges E, Moramarco L, Sacchi P, Bruno R. The infection risk after transjugular intrahepatic portosystemic shunt: A multiple competing risk analysis from a tertiary care center. *Dig Liver Dis*. 2022 Jun 10;S1590-8658(22)00503-5. doi: 10.1016/j.dld.2022.05.005. Epub ahead of print. PMID: 35697589.

Dig Liver Dis

[2024]

A case of leprosy in a nonendemic country

Asperges E, Bagnarino J, Ancarani C, Baggini G, Filardo M, Monzillo V, Barbarini D, Bruno R, Paulli M, Baldanti F. A case of leprosy in a nonendemic country. *Int J Infect Dis*. 2024 Jun;143:107004. doi: 10.1016/j.ijid.2024.107004. Epub 2024 Mar 11. PMID: 38479578.

International Journal of Infectious Diseases

[2023]

Dynamic NLR and PLR in Predicting COVID-19 Severity: A Retrospective Cohort Study

Asperges E, Albi G, Zuccaro V, Sambo M, Pieri TC, Calia M, Colaneri M, Maiocchi L, Melazzini F, Lasagna A, Peri A, Mojoli F, Sacchi P, Bruno R. Dynamic NLR and PLR in Predicting COVID-19 Severity: A Retrospective Cohort Study. *Infect Dis Ther*. 2023 Jun;12(6):1625-1640. doi: 10.1007/s40121-023-00813-1. Epub 2023 May 17. PMID: 37198387; PMCID: PMC10191087.

Infect Dis Ther

[2023]

Fungal Osteomyelitis: A Systematic Review of Reported Cases

Asperges E, Albi G, Truffelli F, Salvaderi A, Puci F, Sangani A, Zuccaro V, Scotti V, Orsolini P, Brunetti E, Bruno R. Fungal Osteomyelitis: A Systematic Review of Reported Cases. *Microorganisms*. 2023 Jul 17;11(7):1828. doi: 10.3390/microorganisms11071828. PMID: 37513000; PMCID: PMC10383745.

Microorganisms

[2024]

Invasive Fungal Diseases in Adult Patients in Intensive Care Unit (FUNDICU): 2024 consensus definitions from ESGCIP, EFISG, ESICM, ECMM, MSGERC, ISAC, and ISHAM

Bassetti M, Giacobbe DR, Agvald-Ohman C, Akova M, Alastruey-Izquierdo A, Arikian-Akdagli S, Azoulay E, Blot S, Cornely OA, Cuenca-Estrella M, de Lange DW, De Rosa FG, De Waele JJ, Dimopoulos G, Garnacho-Montero J, Hoenigl M, Kanj SS, Koehler P, Kullberg BJ, Lamoth F, Lass-Flörl C, Maertens J, Martin-Loeches I, Muñoz P, Poulakou G, Rello J, Sanguinetti M, Taccone FS, Timsit JF, Torres A, Vazquez JA, Wauters J, Asperges E, Cortegiani A, Grecchi C, Karaiskos I, Le Bihan C, Mercier T, Mortensen KL, Peghin M, Rebuffi C, Tejada S, Vena A, Zuccaro V, Scudeller L, Calandra T; Study Group for Infections in Critically Ill Patients of the European Society of Clinical Microbiology and Infectious Diseases (ESGCIP), the Fungal Infection Study Group of the European Society of Clinical Microbiology and Infectious Diseases (EFISG), the European Society of Intensive Care Medicine (ESICM), the European Confederation of Medical Mycology (ECMM), the Mycoses Study Group Education and Research Consortium (MSGERC), the International Society of Antimicrobial Chemotherapy (ISAC), the International Society for Human and Animal Mycology (ISHAM), the Austrian Society for Medical Mycology (ÖGMM), the Italian Society of Anesthesia, Analgesia, Reanimation, and Intensive Care (SIAARTI), the Italian Society of Anti-Infective Therapy (SITA), and the FUNDICU Collaborators. Invasive Fungal Diseases in Adult Patients in Intensive Care Unit (FUNDICU): 2024 consensus definitions from ESGCIP, EFISG, ESICM, ECMM, MSGERC, ISAC, and ISHAM. *Intensive Care Med*. 2024 Apr;50(4):502-515. doi: 10.1007/s00134-024-07341-7. Epub 2024 Mar 21. PMID: 38512399; PMCID: PMC11018656.

Intensive Care Med.

[2024]

Monoclonal antibodies against SARS-CoV-2 to prevent COVID-19 worsening in a large multicenter cohort

Soria A, Graziano F, Ghilardi G, Lapadula G, Gasperina DD, Benatti SV, Quiros-Roldan E, Milesi M, Bai F, Merli M, Minisci D, Franzetti M, Asperges E, Chiabrando F, Pocaterra D, Pandolfo A, Zanini F, Lombardi D, Cappelletti A, Rugova A, Borghesi ML, Squillace N, Pusterla L, Piconi S, Morelli P, Querini PR, Bruno R, Rusconi S, Casari S, Bandera A, Franzetti F, Travi G, D'Arminio Monforte A, Marchetti G, Pan A, Castelli F, Rizzi M, Dentali F, Mallardo M, Rossi E, Valsecchi MG, Galimberti S, Bonfanti P. Monoclonal antibodies against SARS-CoV-2 to prevent COVID-19 worsening in a large multicenter cohort. *Heliyon*. 2024 Aug 13;10(16):e36102. doi: 10.1016/j.heliyon.2024.e36102. PMID: 39247344; PMCID: PMC11378919.

Heliyon

[2023]

Pneumocystis jirovecii pneumonia in intensive care units: a multicenter study by ESGCIP and EFISG

Giacobbe DR, Dettori S, Di Pilato V, Asperges E, Ball L, Berti E, Blennow O, Bruzzone B, Calvet L, Capra Marzani F, Casabella A, Choudaly S, Dartevell A, De Pascale G, Di Meo G, Fallon M, Galerneau LM, Gallego M, Giacomini M, González Sáez A, Hänsel L, Icardi G, Koehler P, Lagrou K, Lahmer T, Lewis White P, Magnasco L, Marchese A, Marelli C, Marín-Arriaza M, Martin-Loeches I, Mekontso-Dessap A, Mikulska M, Mularoni A, Nordlander A, Poissy J, Russelli G, Signori A, Tascini C, Vaconsin LM, Vargas J, Vena A, Wauters J, Pelosi P, Timsit JF, Bassetti M; JIR-ICU investigators (collaborators); Critically Ill Patients Study Group of the European Society of Clinical Microbiology and Infectious

Diseases (ESGCIP), and the Fungal Infection Study Group of the European Society of Clinical Microbiology and Infectious Diseases (EFISG). Pneumocystis jirovecii pneumonia in intensive care units: a multicenter study by ESGCIP and EFISG. Crit Care. 2023 Aug 24;27(1):323. doi: 10.1186/s13054-023-04608-1. PMID: 37620828; PMCID: PMC10464114.

Crit Care

[2024]
Response to the Letter to the Editor Regarding "Prognostic Significance of NLR and PLR in COVID-19: A Multi-Cohort Validation Study"

Canuti M, Fassio F, Genovese C, Giacomelli A, Ridolfo AL, Asperges E, Albi G, Bruno R, Antinori S, Muscatello A, Mariani B, Canetta C, Blasi F, Bandera A, Gori A, Colaneri M. Response to the Letter to the Editor Regarding "Prognostic Significance of NLR and PLR in COVID-19: A Multi-Cohort Validation Study". Infect Dis Ther. 2024 Nov; 13(11):2471-2474. doi: 10.1007/s40121-024-01047-5. Epub 2024 Oct 1. PMID: 39352650; PMCID: PMC11499572.

Infect Dis Ther

[2024]
The Prognostic Role of Diagnostic Criteria for COVID-19-Associated Pulmonary Aspergillosis: A Cross-Sectional Retrospective Study

Asperges E, Pesare R, Bassoli C, Calia M, Lerta S, Citiolo F, Albi G, Cavanna C, Sacchi P, Bruno R. The Prognostic Role of Diagnostic Criteria for COVID-19-Associated Pulmonary Aspergillosis: A Cross-Sectional Retrospective Study. Antibiotics (Basel). 2024 Feb 3;13(2):150. doi: 10.3390/antibiotics13020150. PMID: 38391536; PMCID: PMC10886222.

Antibiotics

[2024]
Use of Cefiderocol in Adult Patients: Descriptive Analysis from a Prospective, Multicenter, Cohort Study
Giacobbe DR, Labate L, Russo Artimagnella C, Marelli C, Signori A, Di Pilato V, Aldieri C, Bandera A, Briano F, Cacopardo B, Calabresi A, Capra Marzani F, Carretta A, Cattelan A, Ceccarelli L, Cenderello G, Corcione S, Cortegiani A, Cultrera R, De Rosa FG, Del Bono V, Del Puente F, Fanelli C, Fava F, Francisci D, Geremia N, Graziani L, Lombardi A, Losito AR, Maida I, Marino A, Mazzitelli M, Merli M, Monardo R, Mularoni A, Oltolini C, Pallotto C, Pontali E, Raffaelli F, Rinaldi M, Ripa M, Santantonio TA, Serino FS, Spinicci M, Torti C, Treçarichi EM, Tumbarello M, Mikulska M, Giacomini M, Marchese A, Vena A, Bassetti M; CEFI-SITA investigators. Use of Cefiderocol in Adult Patients: Descriptive Analysis from a Prospective, Multicenter, Cohort Study. Infect Dis Ther. 2024 Sep;13(9):1929-1948. doi: 10.1007/s40121-024-01016-y. Epub 2024 Jul 12. PMID: 38995601; PMCID: PMC11343933.

Infect Dis Ther

[2024]
Use of ICD-9-CM coding for identifying antibiotic prescriptions during hospitalization: a Delphi consensus model

Agnese Comelli, Camilla Genovese, Giulia Renisi, Luigia Scudeller, Martina Zanforlini, Giulia Macaluso, Arianna Mazzone, Antonio Muscatello, Giorgio Bozzi, Alessia Zoncada, Angelo Pan, Marianna Rossi, Paolo Bonfanti, Stefania Chiappetta, Salvatore Casari, Marco Ripa, Antonella Castagna, Liana Signorini, Francesco Castelli, Margherita Chiamenti, Giulia Carla Marchetti, Barbara Castiglioni, Fabio Franzetti, Elena Graziano, Paolo Grossi, Paola Morelli, Michele Bartoletti, Chiara Molteni, Stefania Piconi, Marco Merli, Massimo Puoti, Davide Ricaboni, Luigi Pusterla, Chiara Cerri, Angelo Regazzetti, Laura Soavi, Marco Rizzi, Marco Franzetti, Stefano Rusconi, Erika Asperges, Raffaele Bruno, Monica Schiavini, Andrea Gori, Simone Schiatti, Alessandra Bandera,

Use of ICD-9-CM coding for identifying antibiotic prescriptions during hospitalization: a Delphi consensus model, Infection Prevention in Practice, Volume 6, Issue 4, 2024, 100416, ISSN 2590-0889, <https://doi.org/10.1016/j.infpip.2024.100416>. (<https://www.sciencedirect.com/science/article/pii/S2590088924000805>)

Publications

Scopus author details (consulted on 18th of Dec 2024):

- Indexed publications: 43
- H index: 15
- Total citations 3250

Clinical Research Experience

Currently contributing to international, multi-centre, retrospective and prospective studies of interventional nature according to Good Clinical Practices.

Contributed to sponsored, international and multi-centre trials.

Contributed to the ESCMID research "Developing definitions for invasive fungal diseases in critically ill adult patients in intensive care units. Protocol of the FUNgal infections Definitions in ICU patients (FUNDICU)"

[01/01/2022 – Attuale]

Educational activities

1. Cultore della Materia nel Settore Scientifico Disciplinare MED/17 Malattie infettive since 2023
2. Tutoring students of Medicine and Surgery (University of Pavia) during their traineeship in the Infectious Diseases ward.
3. Tutoring of 5 students of Medicine and Surgery as co-supervisor in compiling their thesis:
 - Safety of high dose steroid boli as salvage therapy in COVID-19 patients with late ARDS: Results from SMAAtteoCOvid19 REgistry (SMACORE)
 - Implementation of an Emergency Field Hospital in Italy during the COVID-19 pandemic
 - Correlating qualitative/quantitative Quantiferon-TB Gold Plus results and CD4+ count: a retrospective study in a HIV cohort
 - *Clostridioides difficile* resistance and MIC variability: a retrospective observational single centre study
 - Finite NU therapy" in epatite cronica B: uno studio retrospettivo sulla sicurezza e la prevalenza della sierconversione HBsAb-HBsAg
4. Leading the weekly Journal Club, presenting and critically discussing journal articles, of the Infectious and Tropical Diseases specialty school (University of Pavia)
5. Speaker or presenter of abstracts/posters at the following conferences:
 - XXIII CONGRESSO NAZIONALE SIMIT (2024)
 - Malattia di Castleman, un percorso diagnostico-terapeutico condiviso (2022)
 - 32nd European Congress of Clinical Microbiology & Infectious Diseases (2022)
 - XIX CONGRESSO NAZIONALE SIMIT (2020)
 - ESCMID Conference on Coronavirus Disease (ECCVID) (2020)
 - H-Farm Malattie Infettive (2018)

Attachments

Available on request:

- Publications (PDF)
- MBW performance on adults and children on Exhalyzer D from the European Cystic Fibrosis Society
- Young Investigator Award of the 14^o annual ECFS diagnostic working group meeting
- Internship certificate "IFOM per la scuola"
- English certificate ISE II
- High school diploma
- ECDL

Personal data disclaimer

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".

10/09/2025