

EDUCATIONAL AND PROFESSIONAL CURRICULUM VITAE

The undersigned **MONICA CRICCA**, born in Lugo (RA), Italy, on 30/05/1972, **DECLARES**, under her own responsibility and in accordance with Articles 19, 46, and 47 of Presidential Decree 445 of 28/12/2000, and aware of the criminal penalties provided under Article 76 of the same decree for false statements and acts, that the following educational and professional curriculum is true.

PERSONAL INFORMATION

Name: Monica Cricca

Address: Via Canovaccia 10/5, 40065 Pianoro (BO), Italy

Phone: +39 339 2917492

Email: monica.cricca@auslromagna.it; monica.cricca3@unibo.it

Date of Birth: 30/05/1972

WORK EXPERIENCE

From: 14/03/2023 – Present

Position: Executive assignment of HIGH SPECIALIZATION in Bacteriology

Unit: Microbiology (Department of Laboratory and Transfusion Medicine)

From: 12/04/2022 – Present

Employer and Unit: Alma Mater Studiorum - University of Bologna, DIMEC, Via Massarenti 9, 40138 Bologna and U.O. Microbiology, Unified Laboratory Area of Romagna, Piazzale Liberazione 60, Pievesestina, 47522 (FC)

Director: Prof. Vittorio Sambri

Position: Medical Manager, Microbiology Unit, Bacteriology and Parasitology Sector

Employment Type: Associate Professor under Law 240/10 - Full-time, class 0, with a clinical agreement at the Microbiology Unit of the Department of Laboratory and Transfusion Medicine, 38 hours per week

Main Duties: Responsible for bacteriological and parasitological diagnostics. Activities include culture and isolation of bacteria from pathological samples (blood, urine, CSF, etc.), microorganism identification using biochemical tests and MALDI-TOF mass spectrometry, susceptibility testing via extended and interpolated MICs, microscopy, molecular diagnostics for rapid pathogen detection in critical patients, and antimicrobial resistance surveillance. Also manages risk in the Microbiology Unit.

From: 12/06/2017 – 11/04/2022

Employer: Alma Mater Studiorum - University of Bologna, DIMEC and UOC Microbiology, IRCCS Sant'Orsola Malpighi Hospital, Bologna

Director: Prof. Tiziana Lazzarotto

Position: Medical Manager, Microbiology UOC, Bacteriology and Mycology Sector

Employment Type: Researcher (DPR 232/11 art.2), full-time, class 3 – 1st year, clinical agreement at UOC Microbiology, full-time

Main Duties: Focused on mycological and bacteriological diagnostics. Validated molecular techniques for diagnosing and monitoring invasive pulmonary Aspergillosis and Pneumocystosis in

hematologic and immunocompromised patients. Participated in on-call services for SARS-CoV2 diagnosis, organ donations, occupational injuries, and bacterial meningitis. Taught and trained medical residents and technicians, developed pre-analytical algorithms with PhenoMatrix software (Copan Diagnostics).

From: 01/10/2006 – 11/06/2017

Employer: University of Bologna, DIMES, Sant'Orsola Malpighi Polyclinic

Position: University Researcher, Sector 06/A3, SSD MED/07

Employment Type: Full-time researcher

Main Duties: Conducted extensive research, participated in national and international congresses, and published in indexed journals. Taught in bachelor's, master's, and single-cycle degree programs. Supervised numerous theses and doctoral work. Participated in third mission activities for ceramic industries to assess antibacterial properties of functionalized surfaces.

From: 01/11/2005 – 31/08/2006

Employer: IRCCS Sant'Orsola Malpighi Hospital, CREEM Lab

Position: Specialist in Microbiology and Virology

Employment Type: Freelance, full-time, 38 hours/week

Main Duties: Microbiological emergency lab activities, developed molecular diagnostics techniques.

From: 01/11/2004 – 01/11/2004

Employer: University of Bologna, DIMES, Sant'Orsola Malpighi Polyclinic

Position: Specialist in Microbiology and Virology with a PhD in Medical Biotechnology

Employment Type: Research Fellow, autonomous work

Main Duties: Studied the pathogenic role of autonomous and adeno-associated parvoviruses in vivo.

EDUCATION, TRAINING, AND SCIENTIFIC ACTIVITY

Degree: Medicine and Surgery

University: University of Bologna

Date: 15 October 1998

Grade: 110/110 cum laude

Duration: 6 years

Specialization: Microbiology and Virology

University: University of Bologna

Date: 30 April 2003

Grade: 70/70 cum laude

Duration: 4 years

PhD: Medical Biotechnologies (18th Cycle)

University: University of Bologna

Date: 15 December 2005

Duration: 3 years

Other Titles:

2000: Registered in the Medical Board of Ravenna, transferred to Bologna in 2015 (currently active)

1999: License to practice as a Physician, 1st session, University of Bologna

Conference Participation	
Participation in National Conferences	
1.	M. Zerbini, S. Venturoli, M. Cricca, F. Bonvicini, M. Musiani. "Approcci diagnostici dell'infezione da HPV". Atti del II Congresso Nazionale SIMaST. Sorrento (Italia), 18-20 maggio, 2000, pp24-26
2.	M. Cricca, M. Zerbini, G. Gentilomi, S. Venturoli, G. Gallinella e M. Musiani. "Ricerca di DNA di parvovirus B19 mediante dot-blot ibridazione utilizzando un sistema di amplificazione del segnale". Cortonavirus, Cortona (AR), Italia, 15-16 settembre 2000.
3.	M. La Placa, S. Venturoli, F. Bonvicini, M. Cricca, T. Bianchi, C. Varotti. "Presenza di DNA di papillomavirus (HPV) nel melanoma". Atti del 1° Congresso Nazionale Unificato di Dermatologia e Venereologia, ADOI-SIDEV, Roma (Italia), 11-15 giugno 2001, p508
4.	F. Bonvicini, S. Venturoli, M. Cricca, G. A. Gentilomi, M. Musiani, F. Farinazzo, G. Stefanuto, M. Zerbini. "Valutazione di un nuovo test PCR-ELISA per la ricerca di papillomavirus umani ad alto rischio oncogeno in prelievi cervicali". XXX Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2001, Bari (Italia), 12-15 Giugno 2001, p282.
5.	E. Zuffi, E. Manaresi, G. Gallinella, G. Gentilomi, S. Venturoli, M. Cricca, F. Bonvicini, M. Zerbini, M. Musiani. "Identificazione di un peptide immunodominante nella regione unica della proteina VP1 di parvovirus B19 in grado di stimolare una risposta immunitaria di lunga durata nell'uomo". XXX Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2001, Bari (Italia), 12-15 Giugno 2001, p284
6.	S. Venturoli, M. Cricca, F. Bonvicini, G. Gallinella, M. Musiani, S. Bianchi, B.I. Guerra, M. Zerbini. "Impiego di test per la ricerca del DNA di HPV nello screening di donne HIV sieropositive". XXX Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2001, Bari (Italia), 12-15 Giugno 2001, p283
7.	M. Cricca, F. Bonvicini, S. Venturoli, E. Zuffi, E. Manaresi, M. Musiani, C. Galli, R. Pulvirenti, M. Zerbini. "Valutazione dell'impiego del test Hybrid Capture II per la ricerca di DNA di HPV ad alto rischio in campioni biotici inclusi in paraffina". XXX Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2001, Bari (Italia), 12-15 Giugno 2001, p283
8.	F. Bonvicini, G. Gallinella, M. Cricca, E. Zuffi, M. Musiani, M. Zerbini. "Valutazione dell'infettività in vitro di pool di plasma contaminati da Parvovirus B19". Atti del 29° Congresso Nazionale della SIM, Genova (Italia), 7-10 novembre 2001, pag. 84
9.	S.Venturoli, M. Cricca, F. Bonvicini, P. De Simone, S. Costa, M.Musiani, M. Zerbini. "Valutazione della clearance dell'infezione da HPV nel follow up di pazienti sottoposte a conizzazione". Atti del XXXI Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2002, Rimini (Italia), 17-20 Settembre 2002, p241.
10.	M. Cricca, S.Venturoli, F. Bonvicini, S. Ambretti, G. Gallinella, G. Gentilomi, M. Musiani, M. Zerbini. "Utilizzo della Real-time PCR nella determinazione quantitativa del DNA di HPV 16 nel follow up di pazienti sottoposte a conizzazione". Atti del XXXI Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2002, Rimini (Italia), 17-20 Settembre 2002, p241.
11.	F. Bonvicini, S. Ambretti, M. Cricca, S. Venturoli, E. Manaresi, M. La Placa, M. Zerbini, M. Musiani. "Ricerca mediante PCR del DNA di HPV ad alto rischio oncogeno in campioni biotici di melanomi cutanei e di nevi atipici". Atti del XXXI Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2002, Rimini (Italia), 17-20 Settembre 2002, p240
12.	M.Cricca, S.Venturoli, F.Bonvicini, S.Ambretti, G.Gallinella, E.Manaresi, G.Gentilomi, M.Musiani, M.Zerbini. "Analisi dello stato fisico del DNA di HPV 16 in lesioni cervicali di alto grado mediante un saggio di Real Time PCR". Atti del XXXII Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2003, Firenze (Italia), 14-17 ottobre 2003, p161
13.	F. Bonvicini, S.Ambretti, S.Venturoli, M.Cricca, G.Gentilomi, P.Paterini, D.Santini, C.Ceccarelli, M.Zerbini, M.Musiani. "Ricerca del DNA di HPV in donne con VIN o carcinoma squamoso della vulva". Atti del XXXII Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2003, Firenze (Italia), 14-17 ottobre 2003, pp159-160.
14.	S.Ambretti, S.Venturoli, M.Cricca, F.Bonvicini, G.Gallinella, E.Manaresi, M.Lenzi, S.Ialori, M.Musiani, M.Zerbini. "Infezioni da HPV e lesioni cervicali associate allo screening in donne HIV sieropositive". Atti del XXXII Congresso Nazionale Associazione dei Microbiologi Clinici Italiani, AMCLI 2003, Firenze (Italia), 14-17 ottobre 2003, p158.
15.	G.Gallinella, C.Filippone, E.Manaresi, F.Bonvicini, M.Cricca, G.Gentilomi, M.Zerbini, M.Musiani. "Ricerca del Parvovirus B19 nello screening per la sicurezza degli emoderivati". Atti del 1° Congresso Nazionale della Società Italiana di Microbiologia Farmaceutica, Catania (Italia), 28-30 Maggio 2004
16.	S.Ambretti, S.Venturoli, M.Cricca, C.Filippone, S.Delbarba, E.Manaresi, M.Musiani, M.Zerbini. "Sviluppo di un saggio di Real- Time PCR per la quantificazione del DNA di HPV in campioni

- citologici cervicali". Atti del XXXIII Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2004, Padova (Italia), 8-11 giugno 2004, p233.
17. M.Cricca, S.Venturoli, S.Ambretti, F.Bonvicini, G.Gallinella, M.Musiani, M.Zerbini. "Analisi dell'integrazione del DNA di HPV 16 in campioni cervicali mediante PCR qualitativa e quantitativa". Atti del XXXIII Congresso Nazionale Associazione Microbiologi Clinici Italiani, AMCLI 2004, Padova (Italia), 8-11 giugno 2004, p154
 18. Delbarba, C. Filippone, E. Manaresi, F. Bonvicini, M. Cricca, S. Ambretti, M. Zerbini, M. Musiani, G. Gallinella. "Construction and functional analysis of B19 genomic clones". Atti del 4th National Congress of the Italian Society of Virology (SIV), Orvieto (TR), Italia, 20-22 Settembre, 2004.
 19. M.Cricca, S.Venturoli, S.Ambretti, G. Gentilomi, M. D'Angelo, M. Musiani, M.Zerbini "Evaluation of quantitative PCR assays for the determination of physical status and viral load of HPV16 DNA". Atti del 4th National Congress of the Italian Society of Virology (SIV), Orvieto (TR), Italia, 20-22 Settembre, 2004.
 20. Cricca M, Venturoli S, Ambretti S, Musiani M, Zerbini M. "Indicatori molecolari di infezione da HPV 16 in lesioni cervicali di diverso grado", SIMMOC, Modena, 13-14 giugno 2005
 21. S. Ambretti, S. Venturoli, M. Cricca, F. Bonvicini, D. Santini, M. Zerbini, M. Musiani. "Correlazione tra presenza del DNA di HPV ed espressione della p16 INK4A in lesioni benigne e maligne della vulva". XXXIV Congresso Nazionale AMCLI. Roma, 11-14 ottobre 2005.
 22. S. Venturoli, M. Cricca, S. Ambretti, G. Gallinella, G. Gentilomi, M. Musiani, M. Zerbini. "Carica virale, integrazione ed espressione degli oncogeni di HPV 16. Implicazioni nella progressione della patologia cervicale". XXXIV Congresso Nazionale AMCLI. Roma, 11-14 ottobre 2005.
 23. M. Cricca, S. Venturoli, S. Ambretti, S. Costa, G. Gentilomi, G. Gallinella, M. Musiani, M. Zerbini. "Analisi del DNA di HPV16 e degli mRNA E6/E7 in campioni citologici cervicali". XXXIII Congresso Nazionale SIM, Napoli, 16-19 ottobre 2005.
 24. S. Ambretti, S. Venturoli, M. Mirasoli, M. Cricca, F. Bonvicini, D. Santini, M. Zerbini, M. Musiani. "Valutazione della correlazione tra presenza di HPV ed espressione della p16 INK4A in lesioni vulvari e cervicali mediante FISH combinata ad IHC con rivelazione chemiluminescente". XXXIII Congresso Nazionale SIM, Napoli, 16-19 ottobre 2005.
 25. S. Venturoli, S. Ambretti, M. Cricca, G. Gallinella, E. Manaresi, F. Bonvicini, C. Filippone, M. Musiani, M. Zerbini. "Valutazione della persistenza di diversi genotipi di HPV nel followup di pazienti trattate per lesioni cervicali di alto gradi". XXXV Congresso Nazionale AMCLI. Torino, 19-22 settembre 2006.
 26. Cricca M, Venturoli S, Ambretti S, Musiani M, Liviano D'Arcangelo G, Capelli I, Scolari P, Stefoni S, Zerbini M. "Valutazione del rischio di insorgenza di nefropatia associata a polyomavirus nello screening di trapiantati renali". XXXV Congresso Nazionale AMCLI. Torino, 19-22 settembre 2006
 27. S. Ambretti, S. Venturoli, M. Mirasoli, M. Cricca, D. Santini, M. Guardigli, M. Rizzoli, M. Zerbini, M. Musiani. "Nuovo saggio FISH per la ricerca del DNA di HPV combinato ad IHC chemiluminescente per la quantificazione di p16 INK4A in lesioni cervicali". XXXV Congresso Nazionale AMCLI. Torino, 19-22 settembre 2006.
 28. Cricca M., Venturoli S., Leo E., Musiani M., Zerbini M. "Analisi di trascritti virali di HPV16 come indicatori di carcinoma cervicale in situ". XXXVI Congresso Nazionale AMCLI 2007, Rimini, 02-05 ottobre, 2007.
 29. Venturoli S., Ambretti S., Cricca M., Leo E., Marra E., Costa S., Musiani M., Zerbini M. "Persistenza di HPV ad alto rischio oncogeno e recidiva di malattia in donne conizzate per cervicocarcinoma". XXXVI Congresso Nazionale AMCLI 2007, Rimini, 02-05 ottobre, 2007.
 30. Leo E., Venturoli S., Cricca M., Musiani M., Zerbini M. "Metodo di Real-time PCR in due step per la definizione di gruppi di rischio di HPV e per la quantificazione genotipo specifica". XXXVII Congresso Nazionale AMCLI 2008, Stresa, 05-08 Ottobre, 2008
 31. Vilma Mantovani, Paolo Garagnani, Monica Cricca, Elena Marasco, Marialuisa Zerbini, Pasquale Chieco. "La determinazione ad alta resa di HPV tramite tecnologia Mass-Array". IX Congresso Nazionale della Società italiana di Citologia, Lecce, 29-31 ottobre 2009.
 32. Leo E., Venturoli S., Cricca M., Musiani M., Comastri G., Pulvirenti F.R., Zerbini M. "Ricerca di HPV ad alto rischio oncogeno: Abbott Real Time HPV Assay e Digene HC2 HPV DNA Test a confronto". XXXVIII Congresso Nazionale AMCLI 2009, Rimini, 17-20 Novembre, 2009.
 33. Venturoli S., Leo E., Nocera M., Cricca M., Costa S., Plazzi M., Musiani M., Zerbini M. "Correlazione tra presenza di HPV, carica e integrazione virale in lesioni (pre)neoplastiche vulvari". XXXVIII Congresso Nazionale AMCLI 2009, Rimini, 17-20 Novembre, 2009.
 34. Vilma Mantovani, Elena Marasco, Paolo Garagnani, Monica Cricca, Marialuisa Zerbini, Pasquale Chieco. "High-throughput type-specific detection of HPV using MassARRAY technology" V Congresso triennale della società italiana di Anatomia Patologica e Citologia, Bologna 21-25 settembre 2010.

35. Venturoli S., Barbieri D., Costa S., Leo E., Cricca M., Mennini FS., Marcellusi A., Pesaresi M., Falasca A., Marra E., Santini D., Pelusi G., Zerbini M. "Lo studio PATER: Population Based Frequency Assessment of HPV Infections in Borderline Pap Tests in the Emilia-Romagna Region", XXXIX Congresso Nazionale AMCLI 2010, Rimini, 20-22 ottobre, 2010.
36. Cricca M., Marasco E., Garagnani P., Alessandrini F., Mantovani V., Venturoli S., Chieco P., Zerbini M. "Sviluppo di un saggio di spettrometria di massa, ad elevata processività, per la ricerca e genotipizzazione di 12 HPV ad alto rischio oncogeno", XXXIX Congresso Nazionale AMCLI 2010, Rimini, 20-22 ottobre, 2010.
37. Elena Marasco, Monica Cricca, Paolo Garagnani, Chiara Fazio, Marialuisa Zerbini, Pasquale Chieco, Vilma Mantovani. "Determinazione high-throughput di HPV DNA mediante spettrometria di massa. 8° Seminar Annuale dei Ricercatori, 1 Dicembre 2010, Aula Murri, Policlinico Sant'orsola Malpighi, Bologna, Italia.
38. F. Alessandrini, D. Santini, C. Ceccarelli, I. Montroni, M. Taffurelli, MC Re, M. Cricca "Presenza di papilloma virus mucosali ad alto rischio oncogeno in sezioni di carcinoma mammario", 5° Congresso Nazionale della Società Italiana di Virologia Medica (SIVIM), Milano, 28-30 novembre 2012.
39. INVITED SPEAKER. M. Cricca, F Alessandrini, C. Savini, L. Gallucci, C. Ceccarelli, D Santini, I. Montroni, M Taffurelli, S. Bertoni, M Bonafè. "Papillomavirus e carcinoma mammario: epidemiologia e aspetti patogenetici", 41° Congressi Nazionale della Società Italiana di Microbiologia (SIM), Riccione, 13-16 Ottobre 2013
40. Claudia Savini, Sabrina De Carolis, Massimiliano Bonafè, Monica Cricca "Papillomavirus and Breast Cancer: role of microvesicles in HPV DNA transfer to uninfected cells" Congresso Nazionale Italian Experience in Biomedical Research: young mind at work. Desenzano del Garda (BS), 7-8 Novembre 2013.
41. M. Bonafè, S. De Carolis, C. Savini, M.Cricca "Exosomes and nanovesicles steer the inflammatory activation of the hypoxic breast cancer stem cell niche" Stem Cell Research Italy, Salerno, Italy, 28-30 May 2014.
42. Savini F, Sabattini S, Gallina L, Savini C, Cricca M, Bonafè M, Scagliarini A, Bassi P, Bettini G. "Papillomavirus associated malignancies in dogs and cats" Proceedings of the DNA Tumour Virus Meeting 2015, 21-26 giugno, Trieste, Italy
43. INVITED SPEAKER. M. Cricca. Does HPV play a role in the pathogenesis of breast cancer?" Meeting organizzato nell'ambito del progetto FARB-FIBRA "Identificazione di modelli animali per la cancerogenesi da Papillomavirus", svoltosi il 9 Febbraio 2015, Dipartimento di Veterinaria, Università di Bologna.
44. INVITED SPEAKER M Cricca. "Esiste una relazione tra papillomavirus e carcinoma mammario?", 44° Congresso Nazionale della Società Italiana di Microbiologia, SIM 2016, Pisa, Palazzo dei Congressi, 25-28 Settembre 2016
45. INVITED SPEAKER M Cricca. "La biologia molecolare al servizio dell'epidemiologia" Meeting Sant'Orsola Open-days 2018, Bologna, 23 Maggio 2018
46. Silvia Piva, Angelo Peli, Arcangelo Gentile, Monica Cricca, Giuseppe Merialdi, Simone Ambretti, Elisabetta Mondo, Mariana Roccaro, Alessandra Scagliarini, Jole Mariella, Federica Giacometti, Andrea Serraino. "Staphylococcus aureus from goat to vets!", 73° Convegno SISVET, 2019, Olbia, 19-22 giugno 2019
47. Elena Carra, Alessia Micheli, Alessia Galiero, Chiara Garbarino, Federica Bergamini, Silvia Piva, Monica Cricca, Roberta Schiavo, Norma Arrigoni, Giuseppe Merialdi, Matteo Ricchi. "Studio della struttura di popolazione di ceppi umani e bovini di Streptococcus agalactiae isolati in Emilia-Romagna". XIX Congresso Nazionale S.I.Di.L.V, Matera 23-25 Ottobre 2019
48. Zignoli A., Cordovana M., Cricca M, Ambretti S. "Identificazione diretta di lieviti da emocolture positive con metodica Sepsityper". XLVIII Congresso Nazionale AMCLI, 9-12 Novembre 2019, Rimini, Italia
49. Ferraro S, Liberatore A, Ambretti S., Cricca M. "Approccio molecolare nella diagnosi rapida di Aspergilloso Invasiva: confronto con le metodiche tradizionali". XLVIII Congresso Nazionale AMCLI, 9-12 Novembre 2019, Rimini, Italia
50. INVITED SPEAKER M. Cricca. I Giornata della Ricerca per la Salute. Ospedale Santa Maria delle Croci di Ravenna, 15 ottobre 2021, Ravenna
51. Incremento di candidemie da Candida parapsilosis resistenti al fluconazolo in pazienti COVID+. M. Borghi, S. Ambretti, M. Cricca. XLIX Congresso Nazionale AMCLI, 9-12 Novembre 2021, Rimini, Italia
52. Valutazione della resistenza agli azoli in pazienti ematologici nell'area metropolitana di Bologna. A. Liberatore, M. Stanzani, S. Ambretti, M. Cricca. XLIX Congresso Nazionale AMCLI, 9-12 Novembre 2021, Rimini, Italia.

53. Relatrice al Congresso multidisciplinare del paziente con infezione osteoarticolare. Titolo della relazione "IL RUOLO DELLA MICROBIOLOGIA CONVENZIONALE E DELLA FAST MICROBIOLOGY NELLA DIAGNOSI DELLE INFEZIONI DEL DISTRETTO OSTEOARTICOLARE", Rimini, 9 febbraio 2023.
54. SCREENING RAPIDO FENOTIPICO DA EMOCOLTURE POSITIVE MEDIANTE ALFRED 60/AST. A. Marzucco, L. Flora, M. Morotti, M.S. Montanari, V. Sambri, M. Cricca. 50° Congresso Nazionale AMCLI, 9-12 Novembre 2023, Rimini, Italia
55. VALUTAZIONE DELLA PRODUZIONE DI BIOFILM IN CEPPI DI CANDIDA SPP. ISOLATI DA EMOCOLTURE E MATERIALI VARI A DIVERSE TEMPISTICHE. A. Marzucco, C. Colosimo, M. Fantini, M.S. Montanari, I. Zaghi, M. Morotti, V. Sambri, M. Cricca. 50° Congresso Nazionale AMCLI, 9-12 Novembre 2023, Rimini, Italia.
56. SORVEGLIANZA EPIDEMIOLOGICA SULLA DIFFUSIONE DEL GENE PLASMIDICO DI RESISTENZA ALLA COLISTINA MCR-1. M.S. Montanari, A. Marzucco, M. Morotti, A. Torri, V. Arfilli, M.V. Tamburini, A. Denicolò, M. Samuelli, M. Manera, F. Congestri, V. Sambri, M. Cricca. 50° Congresso Nazionale AMCLI, 9-12 Novembre 2023, Rimini, Italia.
57. Analytical evaluation of a novel Point Of Care (POCT) Loop Mediated Isothermal Amplification (LAMP) test for the detection of Sexually Transmitted Infections Martina Brandolini, Laura Grumiro, Patrizia Farabegoli, Giorgio Dirani, Irene Zaghi, Francesca Taddei, Giulia Gatti, Alessandra Mistral De Pascali, Anna Marzucco, Maria Sofia Montanari, Monica Cricca, Vittorio Sambri. 51° Congresso Nazionale della Società Italiana di Microbiologia SIM, 24-27 -settembre, Cagliari 2023.
58. Characterization and classification of diagnostically unidentified mycobacteria by de novo sequencing. GIULIA GATTI, FRANCESCA TADDEI, SILVIA ZANNOLI, GIORGIO DIRANI, ANNA MARZUCCO, MARIA S. MONTANARI, IRENE ZAGHI, MARTINA BRANDOLINI, LAURA GRUMIRO, MASSIMILIANO GUERRA, ALESSANDRA M. DE PASCALI, MONICA CRICCA, VITTORIO SAMBRI. 51° Congresso Nazionale della Società Italiana di Microbiologia SIM, 24-27 -settembre, Cagliari 2023.
59. A novel physical inactivation method based on high hydrostatic pressure for the production of whole inactivated virus vaccines. M Brandolini, Alessandra Mistral De Pascali, Giorgio Dirani, Massimiliano Guerra, Pitro Rocculi, Michele Morbarigazzi, Davide Lelli, Antonio Lavazza, Monica Cricca, Irene Zaghi, Alessandra -scagliarini, Vittorio Sambri. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
60. Standardizzazione di test in vitro per valutare la suscettibilità al fluconazolo contro varie specie di Candida. Claudia Colosimo, Anna Marzucco, Martina Brandolini, Maria Sofia Montanari, Stefano Ceschia, Alessandra Scagliarini, Alessandra Mistral De Pascali, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
61. Studio prospettico osservazionale dell'assetto microbico del sistema biliare nei pazienti sottoposti a colangiografia retrograda endoscopica (CRE). Francesca Taddei, Giulia Lucchi, Giulia Gibiino, Cecilia Binda, Monica Sbrancia, Chiara Coluccio, Giulia Gatti, Vittorio Sambri, Carlo Fabbri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
62. Confronto tra metodiche in chemiluminescenza per la rilevazione dell'antigene galattomannano. Laura Grumiro, Simona Semprini, Martina Brandolini, Giulia Gatti, Maria Sofia Montanari, Francesca Taddei, Anna Marzucco, Giorgio Diramni, Silvia Zannoli, Monica Cricca, Vittorio Sambri. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
63. Epidemiologia delle sepsi in AUSL Romagna e tempi di positivizzazione. Anna Marzucco, Maria Sofia Montanari, Giulia Gatti, Martina Manera, Maria Vittoria Tamburini, Manuela Morotti, Agnese Denicolò, Francesco Congestri, Valentina Arfilli, Pasqua Schiavone, Alessandra Scagliarini, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
64. Un nuovo approccio sindromico per la diagnosi dei parassiti gastrointestinali. Maria Sofia Montanari, Michela Fantini, Anna Marzucco, Giulia Gatti, Patrizia Farabegoli, Manuela Morotti, Maria Vittoria Tamburini, Agnese Denicolò, Francesco Congestri, Martina Manera, Pasqua Schiavone, Valentina Arfilli, Alessandra Scagliarini, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
65. Partecipazione al congresso "HCV ieri, oggi.... e domani? Reggio Emilia, 10 Marzo 2023, Sala Conferenze Laboratorio Aperto.
66. Partecipazione al Congresso "Biomarker di infezioni e sepsi in gestione al laboratorio e a supporto della clinica" 31 gennaio 2024, Fiera Cesena.
67. A novel physical inactivation method based on high hydrostatic pressure for the production of whole inactivated virus vaccines. M Brandolini, Alessandra Mistral De Pascali, Giorgio Dirani, Massimiliano Guerra, Pitro Rocculi, Michele Morbarigazzi, Davide Lelli, Antonio Lavazza, Monica Cricca, Irene Zaghi, Alessandra -scagliarini, Vittorio Sambri. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.

68. Standardizzazione di test in vitro per valutare la suscettibilità al fluconazolo contro varie specie di Candida. Claudia Colosimo, Anna Marzucco, Martina Brandolini, Maria Sofia Montanari, Stefano Ceschia, Alessandra Scagliarini, Alessandra Mistral De Pascali, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
69. Studio prospettico osservazionale dell'assetto microbico del sistema biliare nei pazienti sottoposti a colangiografia retrograda endoscopica (CRE). Francesca Taddei, Giulia Lucchi, Giulia Gibiino, Cecilia Binda, Monica Sbrancia, Chiara Coluccio, Giulia Gatti, Vittorio Sambri, Carlo Fabbri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
70. Confronto tra metodiche in chemiluminescenza per la rilevazione dell'antigene galattomannano. Laura Grumiro, Simona Semprini, Martina Brandolini, Giulia Gatti, Maria Sofia Montanari, Francesca Taddei, Anna Marzucco, Giorgio Diramni, Sivia Zannoli, Monica Cricca, Vittorio Sambri. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
71. Epidemiologia delle sepsi in AUSL Romagna e tempi di positivizzazione. Anna Marzucco, Maria Sofia Montanari, Giulia Gatti, Martina Manera, Maria Vittoria Tamburini, Manuela Morotti, Agnese Denicolò, Francesco Congestri, Valentina Arfilli, Pasqua Schiavone, Alessandra Scagliarini, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
72. Un nuovo approccio sindromico per la diagnosi dei parassiti gastrointestinali. Maria Sofia Montanari, Michela Fantini, Anna Marzucco, Giulia Gatti, Patrizia Farabegoli, Manuela Morotti, Maria Vittoria Tamburini, Agnese Denicolò, Francesco Congestri, Martina Manera, Pasqua Schiavone, Valentina Arfilli, Alessandra Scagliarini, Vittorio Sambri, Monica Cricca. 51° Congresso Nazionale AMCLI, 8-11 Marzo 2024, Rimini, Italia.
73. Partecipazione al 52° Congresso Nazionale SIM, Pavia, 8-11 settembre 2024, moderatrice del workshop
"Dalla tradizione alle innovazioni, nuove frontiere nella diagnostica delle Candidosi Invasive".
74. Partecipazione al 12° Congresso Nazionale Simprios, Riccione 4-6 novembre 2024.
75. Partecipazione al Convegno SIMIT, Cosenza, 4-6 Novembre 2024, con una relazione dal titolo
"Influenza del test rapido di sensibilità fenotipica nella diagnostica della sepsi nella real life. Possiamo diagnosticare rapidamente l'infezione al momento della presentazione e qual è il ruolo del test biomolecolare nella fase iniziale e oltre? INVITED SPEAKER.

Participation in International Congress

1. M. Zerbini, S. Venturoli, M. Cricca, G. Gallinella, P. De Simone, S. Costa, M. Musiani. "Type-specific HPV DNAs and viral load in cervical lesions of different grades as determined by PCR-ELISA". A Virology Meeting of Three Societies, Stoccolma, Svezia, 3-5 Febbraio 2000, p51.
2. S. Venturoli, M. Cricca, F. Bonvicini, C. Galli, R. Pulvirenti, M. Musiani, M. Zerbini. "Feasibility of detection of HPV DNA by Hybrid Capture and PCR on cytological samples". 4th International Multidisciplinary Congress, EUROGIN 2000, Parigi, Francia, 5-9 aprile 2000, p112
3. M. Zerbini, S. Venturoli, M. Cricca, L. Rinaldi, M. Lanari, M. Musiani. "Abnormal levels of liver enzymes associated with an asymptomatic parvovirus B19 infection". VIIIth Parvovirus Workshop, Mont-Tremblant, Québec, Canada, 28 giugno-2 luglio, 2000, p171
4. S. Venturoli, M. Cricca, F. Bonvicini, G. Gallinella, G. Gentilomi, M. Zerbini, M. Musiani. "PCR-ELISA detection of adeno-associated virus DNA in female genital samples". 5th Annual ESCV Meeting, Lahti, Finlandia, 2-5 Settembre 2001, p210
5. S. Venturoli, M. Cricca, F. Bonvicini, F. Giosa, F. Pulvirenti, C. Galli, M. Musiani, M. Zerbini. "Human papillomavirus DNA testing by PCR-ELISA and hybrid capture II on the same specimen". 5th Annual ESCV Meeting, Lahti, Finlandia, 2-5 Settembre 2001, p210.
6. M. La Placa, S. Venturoli, F. Bonvicini, M. Cricca, T. Bianchi, C. Varotti, M. Musiani, M. Zerbini. "Human Papillomavirus (HPV)-DNA sequences in melanoma specimens". 31st European Society for Dermatological Research (ESDR) Meeting 2001, Stoccolma, Svezia, 20-22 settembre 2001, p818.
7. Gallinella G, Zuffi E., Manaresi E., G. Gentilomi, S. Venturoli, F. Bonvicini, M. Cricca, M. Zerbini, M. Musiani. "Relevance of B19 markers in serum samples for a diagnosis of parvovirus B19 correlates diseases". IX Parvovirus Workshop, Bologna, Italia, 28-31 Agosto 2002, p51.
8. F. Bonvicini, G. Gallinella, S. Venturoli, S. Ambretti, M. Cricca, M. Musiani, M. Zerbini. "Detection and in vitro infectivity of Parvovirus B19 in plasma pools". IX Parvovirus Workshop, Bologna, Italia, 28-31 Agosto 2002, p145.
9. E. Zuffi, E. Manaresi, G. Gallinella, F. Bonvicini, M. Cricca, S. Venturoli, M. Zerbini, M. Musiani. "Diagnosis and quantitative evaluation of Parvovirus B19 infection by real time PCR using the Light Cycler". IX Parvovirus Workshop, Bologna, Italia, 28-31 Agosto 2002, p153.

10. M. Cricca, G. Gentilomi, F. Bonvicini, G. Gallinella, D. Prandstraller, G. Bronzetti, FM Picchio, M. Musiani, M. Zerbini. "Myocarditis and B19 parvovirus infection". IX Parvovirus Workshop, Bologna, Italia, 28-31 Agosto 2002, p146
11. M. Cricca, S. Venturoli, F. Bonvicini, S. Ambretti, G. Gallinella, M. Musiani, M. Zerbini. "Quantitative detection of HPV 16 DNA by real time PCR in the follow up of treated patients". Winter Meeting SPV/ESCV. Estoril (Portogallo), 8-11 Gennaio 2003, p11
12. S. Venturoli, M. Cricca, F. Bonvicini, G. Gallinella, E. Manaresi, M. Mirasoli, A. Roda, M. Zerbini, M. Musiani. "Development of a PCR chemiluminescent enzyme immunoassay (CLEIA) for typing human papillomavirus DNAs in a novel microtiter format". 5th International Multidisciplinary Congress, Eurogin 2003, Parigi (Francia) 13-16 Aprile 2003, p186.
13. F. Bonvicini, S. Venturoli, S. Ambretti, M. Cricca, G. Gentilomi, M. La Placa, M. Zerbini, M. Musiani. "Detection of high risk human papillomavirus DNA in malignant melanomas and dysplastic nevi". 5th International Multidisciplinary Congress, Eurogin 2003, Parigi (Francia) 13-16 Aprile 2003, p175
14. M. La Placa, S. Venturoli, S. Ambretti, F. Bonvicini, M. Cricca, T. Bianchi, C. Varotti. "Human papillomavirus can be present in malignant melanoma but does not worsen the prognosis". International Investigative Dermatology 2003, Miami Beach, Florida (USA), 30 Aprile-4 Maggio 2003, p51.
15. G. Gallinella, C. Filippone, F. Bonvicini, M. Cricca, M. Zerbini, M. Musiani. "Internally controlled Real-Time PCR for the quantitative evaluation of parvovirus B19 viral load". 6th Annual ESCV Meeting. Lyon (France), 26-27 Agosto 2003, p48.
16. M. Zerbini, M. Cricca, S. Venturoli, S. Ambretti, G. Gentilomi, M. Musiani, S. Costa "Follow up of patients treated for HPV16 high grade CIN: HPV DNA patterns and disease implications". IInd European Congress of Virology, EuroVirology 2004, Madrid (Spagna), 5-9 settembre 2004, p190
17. S. Venturoli, S. Ambretti, F. Bonvicini, M. Cricca, M. Zerbini, D. Santini, C. Ceccarelli, P. Patrini, M. Musiani. "Presence and type of oncogenic human papillomavirus in classic VIN, differentiated VIN and keratinizing VSCC". IInd European Congress of Virology, EuroVirology, 2004, Madrid, 5-9 settembre 2004, p147.
18. G. Gallinella, C. Filippone, F. Bonvicini, S. Delbarba, E. Manaresi, M. Cricca, M. Musiani, M. Zerbini. "Investigation on the presence of B19 virus prototype and variants genotypes in a population of Italian blood donors". IInd European Congress of Virology, EuroVirology 2004, Madrid (Spagna), 5-9 settembre 2004, p190.
19. C. Filippone, F. Bonvicini, S. Delbarba, E. Manaresi, M. Cricca, M. Musiani, M. Zerbini, G. Gallinella. "Investigation on the presence of B19 virus prototype and variants genotypes in a population of Italian blood donors by a multiplex Real time PCR assay". Xth Parvovirus Workshop, St. Petersburg, Florida, 8-12 Settembre 2004, p95
20. M. Cricca, S. Venturoli, S. Ambretti, C. Filippone, F. Bonvicini, M. Musiani, M. Zerbini. "Determination of physical status and viral load of HPV 16 DNA in Cytological cervical samples by quantitative PCR assays", 8th ESCV, Ginevra, 27-30 Aprile 2005
21. M. Mirasoli, S. Ambretti, S. Venturoli, M. Cricca, M. Guardigli, M. Musiani, A. Roda. "Combined fluorescent DNA in situ hybridization and chemiluminescent immunohistochemistry for the co-localization of mucosal human papillomavirus and malignant melanoma" 11th Meeting on Recent Developments in Pharmaceutical Analysis. Rimini, 25-28 settembre 2005.
22. M. Cricca, S. Venturoli, S. Ambretti, S. Costa, D. Santini, M. Musiani, M. Zerbini. "Analysis of E6* spliced products of HPV16 as molecular markers of cervical disease progression". 6th International Multidisciplinary Congress: EUROGIN 2006. Parigi, 23-26 Aprile 2006.
23. M. Cricca, S. Venturoli, S. Ambretti, M. Belgarbo, S. Costa, M. Musiani, M. Zerbini. "Application of the NASBA method for the detection of human papillomavirus E6-E7 transcripts in patients treated for high grade CIN and positive to HPV16". 6th International Multidisciplinary Congress: EUROGIN 2006. Parigi, 23-26 Aprile 2006.
24. Venturoli, S. Ambretti, M. Mirasoli, M. Cricca, D. Santini, M. Zerbini, M. Musiani. "Chemiluminescent assay for p16INK4A quantitation in cervical biopsies combined with fluorescent HPV DNA in situ hybridisation". 23rd Papillomavirus Conference & Clinical Workshop: IPV 2006. Praga, 1-7 Settembre 2006
25. S. Venturoli, M. Cricca, S. Ambretti, S. Costa, D. Santini, M. Musiani, M. Zerbini. "Detection of HPV 16 E6-E7 transcripts in cervical cytological samples and correlation with HPV-DNA physical status". 23rd Papillomavirus Conference & Clinical Workshop: IPV 2006. Praga, 1- 7 Settembre 2006
26. M. Cricca, S. Venturoli, S. Ambretti, S. Costa, D. Santini, M. Musiani, M. Zerbini. "Analysis of HPV16 E6*I-II transcripts in cervical samples 9th Annual Meeting European Society for Clinical Virology, 3 - 6th September 2006 Birmingham

27. Bonvicini F., Filippone C., Manaresi E., Cricca M., Leo E., Zerbini M., Musiani M., Gallinella G.. Analysis of splice junctions and polyadenylation sites of parvovirus B19 genome by a PCR-based approach. International Parvovirus Meeting 2007, Monopoli (Bari), Italia, 27- 28 Settembre 2007
28. Leo E., Venturoli S., Cricca M., Ambretti S., Musiani M., Zerbini M. "Quantitative two-step real time PCR based on LNA probes to detect HR HPV with different risk of oncogenic progression". ESCV 2008, Clinical Virology Annual Meeting, Saariselkä (Lapland, Finland), 12-15 Marzo 2008.
29. Venturoli S., Leo E., Cricca M., Nocera M., Plazzi M., Musiani M., Zerbini M. "Comparison of Abbott RealTime HPV assay and Digene HC2 HPV DNA test for the detection of high-risk HPV DNA in a referral population setting" ESCV 2009, Istanbul (Turchia), 27-30 Settembre 2009.
30. INVITED SPEAKER. Cricca M. "Role of the extracellular vesicles in the breast cancers", 17 June 2015, Memorial Sloan Kettering Cancer Centre, New York, USA
31. INVITED SPEAKER. Cricca M. "Does HPV play a role in the pathogenesis of Breast cancer?" VIII Mediterranean Congress on Oncological Pathology, Gallipoli, 9-10 Ottobre 2015, Italy.
32. Simone Ambretti; Chiara Fazio; Sara Ferraro; Andrea Berlingeri; Michela Paolucci; Monica Cricca; Giovanna Angela Gentilomi; Gian Matteo Pollini; Giulia Lombardi; Maria Carla Re. "Comparative evaluation of two colistin susceptibility-testing methods". ECCMID, 21-24 Aprile 2018, Madrid, Spain.
33. Simone Ambretti, Michela Paolucci, Andrea Berlingeri, Monica Cricca, Sara Ferraro, Chiara Fazio, Giovanna Angela Gentilomi, Giulia Lombardi, Gian Matteo Pollini, Maria Carla Re. "Total integration of cultural and molecular testing for CPE screening with liquid-based microbiology (LBM)". ECCMID, 21-24 Aprile, 2018 Madrid, Spain
34. Simone Ambretti, Monica Cricca, Claudio Foschi, Paolo Gaibani. "Implementation of Artificial Intelligence software for automated plates interpretation: validation of protocols and impact on a high-volume Bacteriology Lab". ECCMID, 23-26 April, 2022 Lisbon, Portugal.
35. INVITED SPEAKER. Cricca Monica. "Innovative technologies for the diagnosis of fungal BSI", Bertinoro Meeting on Blood Stream Infections 2021, Bertinoro, 4-5 July 2021, Italy.
36. Evaluation of a novel and rapid phenotypic MDRO screening system to detect vancomycin and carbapenem resistance directly from positive blood culture: Alfred 60/AST. A. Marzucco, L. Flora, S. Ceschia, M. Montanari, M. Morotti, M. Samuelli, M. Tamburini, V. Arfilli, M. Manera, A. Denicolo, F. Congestri, V. Sambri, M. Cricca. Copenhagen, 33rd European Congress of Clinical Microbiology and Infectious Diseases - ECCMID 2023.
37. Pharmacodynamics of ceftazidime-avibactam monotherapy and combination regimens against carbapenemase-producing *Klebsiella pneumoniae* measured by bloodculture system time to positivity (Tpos). I. Zaghi, M. Cricca, V. Sambri, J. Roberts, R. Lewis. 33rd European Congress of Clinical Microbiology and Infectious Diseases - ECCMID 2023.
38. Partecipazione al FAPESP Week Italy, Bologna, 14-15 Ottobre, Bologna. **INVITED SPEAKER**
39. Scagliarini A., De Pascali A.M., Brandolini M., Ingletto L., Succi A., Calzolari M., Frassinetti V., Silvestrini G., Angelini R., Fabbri M., Zaghi I., Dirani G., Zannoli S., Guerra M., Taddei F., Dionisi L., Gatti G., Colosimo C., Biagetti C., Cristini F., Bassi P., Cricca M., & Sambri V., (2024, 4 dicembre) *Living Laboratory to operationalize One Health Surveillance of climate related emerging zoonoses* [Presentazione orale], 20° ISID, Città del Capo.
40. Colosimo C., Dionisi L., Guerra M., Gatti G., Marzucco A., Grumiro L., Montanari M.S., De Pascali A.M., Ingletto L., Brandolini M., Dirani G., Zannoli S., Cricca M., & Sambri V., (2025, 11 – 15 aprile) *Molecular assay of atypical community-acquired pneumonia from different matrices* [Presentazione poster], ESCMID Global 2025, Vienna
41. Colosimo C., Gatti G., Dionisi L., Guerra M., Montanari M.S., Marzucco A., Grumiro L., Ingletto L., De Pascali A.M., Brandolini M., Dirani G., Zannoli S., Scagliarini A., Cricca M. & Sambri V., (2025, 11 – 15 aprile) *Comparison of RHAM isothermal nucleic acid amplification technology and culture method: advancing screening for Streptococcus agalactiae* [Presentazione poster], ESCMID Global 2025, Vienna
42. Dionisi L., Colosimo C., Guerra M., Gatti G., Grumiro L., De Pascali A.M., Scagliarini A., Cricca M., & Sambri V., (2025, 11 – 15 aprile) *Performance evaluation of an automated microbial detection system for the diagnosis of bloodstream infections* [Presentazione poster], ESCMID Global 2025, Vienna
43. Marzucco A., Gatti G., Montanari M.S., Colosimo C., Dionisi L., Ingletto L., Brandolini M., Grumiro L., Scagliarini A., Sambri V., & Cricca M., (2025, 11 – 15 aprile) *The Candida auris surveillance: why do we need to implement it? A validation study on new enrichment broth to increase the sensibility of Candida auris detection* [Presentazione poster], ESCMID Global 2025, Vienna

44. Gatti G., Ingletto L., Dirani G., Zannoli S., Taddei F., Colosimo C., Dionisi L., Marzucco A., Montanari M.S., Brandolini M., Guerra M., Grumiro L., De Pascali A.M., Scagliarini A., Cricca M., & Sambri V., (2025, 11 – 15 aprile) *Definition of SNPs limit range for unknown non-tuberculous Mycobacteria genomic investigation* [Presentazione poster], ESCMID Global 2025, Vienna
45. Gatti G., Lucchi G., Binda C., Giubino G., Perini B., Giuffrida P., Coluccio C., Cucchetti A., Dirani G., Zannoli S., Sambri V., Fabbri C., & Cricca M., (2025, 11 – 15 aprile) *The bile microbiota composition in pathological conditions: a pilot study* [Presentazione poster], ESCMID Global 2025, Vienna

Publications in Indexed International Journals

1. Brandolini M, Ingletto L, Dirani G, Zannoli S, Lapusneanu AM, Guerra M, De Pascali AM, Lelli D, Defilippo F, Lavazza A, Calzolari M, Dottori M, Dionisi L, Colosimo C, Gatti G, Marzucco A, Montanari MS, Grumiro L, Cricca M, Scagliarini A, Sambri V. Development of a novel amplicon based whole-genome sequencing framework for improved surveillance of Toscana virus. *Commun Biol.* 2025 May 8;8(1):714.
2. Brandolini M, Rocculi P, Morbarigazzi M, De Pascali AM, Dirani G, Zannoli S, Lelli D, Lavazza A, Battioni F, Grumiro L, Semprini S, Guerra M, Gatti G, Dionisi L, Ingletto L, Colosimo C, Marzucco A, Montanari MS, Cricca M, Scagliarini A, Sambri V. Development and in vivo evaluation of a SARS-CoV-2 inactivated vaccine using high hydrostatic pressure. *NPJ Vaccines.* 2025 Apr 25;10(1):83.
3. Bianco G, Boattini M, Cricca M, Diella L, Gatti M, Rossi L, Bartoletti M, Sambri V, Signoretto C, Fonnesu R, Comini S, Gaibani P. Updates on the Activity, Efficacy and Emerging Mechanisms of Resistance to Cefiderocol. *Curr Issues Mol Biol.* 2024 Dec 14;46(12):14132-14153. doi: 10.3390/cimb46120846. PMID: 39727974; PMCID: PMC11674395.
4. Brandolini M, De Pascali AM, Zaghi I, Dirani G, Zannoli S, Ingletto L, Lavazza A, Lelli D, Dottori M, Calzolari M, Guerra M, Biagetti C, Cristini F, Bassi P, Biguzzi R, Cricca M, Scagliarini A, Sambri V. Advancing West Nile virus monitoring through whole genome sequencing: Insights from a One Health genomic surveillance study in Romagna (Italy). *One Health.* 2024 Nov 19;19:100937. doi: 10.1016/j.onehlt.2024.100937. PMID: 39650147; PMCID: PMC11621796.
5. Tebano G, Zaghi I, Cricca M, Cristini F. Antibiotic Treatment of Infections Caused by AmpC-Producing Enterobacteriales. *Pharmacy (Basel).* 2024 Sep 21;12(5):142. doi: 10.3390/pharmacy12050142. PMID: 39311133; PMCID: PMC11417830.
6. Gatti G, Taddei F, Marzucco A, Montanari MS, Dirani G, Zannoli S, Grumiro L, Brandolini M, Colosimo C, Dionisi L, Ingletto L, De Pascali AM, Scagliarini A, Sambri V, Cricca M. Isolation and Genomic Analysis of a Case of *Staphylococcus argenteus* ST2250 Related to Sepsis in Italy. *Microorganisms.* 2024 Jul 20;12(7):1485. doi: 10.3390/microorganisms12071485.
7. Zaghi I, Tebano G, Vanino E, Vandi G, Cricca M, Sambri V, Fantini M, Di Antonio F, Terzitta M, Russo E, Cristini F, Bassi P, Biagetti C, Tatarelli P. Non-cholera *Vibrio* spp. invasive infections in the summer following May 2023 flood disaster in Romagna, Italy: a case series. *Eur J Clin Microbiol Infect Dis.* 2024 Jul;43(7):1469-1474. doi: 10.1007/s10096-024-04842-7. Epub 2024 May 12.
8. Amadesi S, Vocale C, Guariglia D, Cricca M, Lazzarotto T, Sambri V, Gaibani P. Complete genome sequence of invasive *Streptococcus pneumoniae* serotype 11A causing meningitis in an adult patient, Italy 2022. *Microbiol Resour Announc.* 2024 Apr 8:e0005424. doi: 10.1128/mra.00054-24.
9. Brandolini M, Grumiro L, Farabegoli P, Dirani G, Zannoli S, Zaghi I, Guerra M, Taddei F, Gatti G, Marzucco A, Montanari MS, De Pascali AM, Semprini S, Cricca M, Sambri V. Evaluation of a rapid Loop Mediated Isothermal Amplification (LAMP) test for the laboratory diagnosis of sexually transmitted infections. *PLoS One.* 2024 Mar 21;19(3):e0298398. doi: 10.1371/journal.pone.0298398.
10. Tebano G, Zaghi I, Baldasso F, Calgarini C, Capozzi R, Salvadori C, Cricca M, Cristini F. Antibiotic Resistance to Molecules Commonly Prescribed for the Treatment of Antibiotic-Resistant Gram-Positive Pathogens: What Is Relevant for the Clinician? *Pathogens.* 2024 Jan 19;13(1):88. doi: 10.3390/pathogens13010088.
11. Marzucco A, Gatti G, Montanari MS, Fantini M, Colosimo C, Tamburini MV, Arfilli V, Morotti M, Schiavone P, Congesti F, Manera M, Denicolò A, Brandolini M, Taddei F, Grumiro L, Zannoli S, Dirani G, De Pascali AM, Sambri V, Cricca M. Evaluation of Biofilm Production and Antifungal Susceptibility to Fluconazole in Clinical Isolates of *Candida* spp. in Both Planktonic

- and Biofilm Form. *Microorganisms*. 2024 Jan 12;12(1):153. doi: 10.3390/microorganisms12010153.
12. Tebano G, la Martire G, Raumer L, Cricca M, Melandri D, Pea F, Cristini F. Which Are the Best Regimens of Broad-Spectrum Beta-Lactam Antibiotics in Burn Patients? A Systematic Review of Evidence from Pharmacology Studies. *Antibiotics (Basel)*. 2023 Dec 14;12(12):1737.
 13. Grumiro, L.; Brandolini, M.; Gatti, G.; Scalcione, A.; Taddei, F.; Dirani, G.; Mancini, A.; Denicolò, A.; Manera, M.; Zannoli, S.; et al. Evaluation of STANDARDTM M10 SARS-CoV-2, a Novel Cartridge-Based Real-Time PCR Assay for the Rapid Identification of Severe Acute Respiratory Syndrome Coronavirus 2. *Appl. Microbiol.* 2022, 2, 873-881. <https://doi.org/10.3390/applmicrobiol2040067>
 14. Amadesi S, Palombo M, Bovo F, Liberatore A, Vecchi E, Cricca M, Lazzarotto T, Ambretti S, Gaibani P. Clonal Dissemination of *Candida auris* Clinical Isolates in Northern Italy, 2021. *Microb Drug Resist.* 2024
 15. Gatti G, Brandolini M, Mancini A, Taddei F, Zannoli S, Dirani G, Manera M, Arfilli V, Denicolò A, Marzucco A, Montanari MS, Zaghi I, Guerra M, Tennina R, Marino MM, Grumiro L, Cricca M, Sambri V. Genomic and Temporal Analysis of Deletions Correlated to qRT-PCR Dropout in N Gene in Alpha, Delta and Omicron Variants. *Viruses*. 2023.
 16. Puccini L, Fantini M, Biagetti C, Angelini R, Dirani G, Grumiro L, Schiavone P, Sparacino M, Semprini S, Sambri V, Cricca M. Kinetics of dried blood spot-measured anti-SARS-CoV2 Spike IgG in mRNA-vaccinated healthcare workers. *Front Microbiol.* 2023
 17. Brandolini M, Zannoli S, Gatti G, Arfilli V, Cricca M, Dirani G, Denicolò A, Semprini S, Grumiro L, Imola M, Larne D, Marino MM, Manera M, Mancini A, Taddei F, Zagarrigo M, Biagetti C, Sambri V. Viral Population Heterogeneity and Fluctuating Mutational Pattern during a Persistent SARS-CoV-2 Infection in an Immunocompromised Patient. *Viruses*. 2023 Jan 19;15(2):291.
 18. Brandolini M, Gatti G, Grumiro L, Zannoli S, Arfilli V, Cricca M, Dirani G, Denicolò A, Marino MM, Manera M, Mancini A, Taddei F, Semprini S, Sambri V. Omicron Sub-Lineage BA.5 and Recombinant XBB Evasion from Antibody Neutralisation in BNT162b2 Vaccine Recipients. *Microorganisms*.
 19. Foschi C, Cricca M, Lafratta S, Nigrisoli G, Borghi M, Liberatore A, Turello G, Lazzarotto T, Ambretti S. Potential use of artificial intelligence for vaginal swab analysis in the assessment of common genital disorders: a pilot study. *New Microbiol.* 2022. Articolo in rivista
 20. Gatti G, Taddei F, Brandolini M, Mancini A, Denicolò A, Congestri F, Manera M, Arfilli V, Battisti A, Zannoli S, Marino MM, Marzucco A, Morotti M, Grumiro L, Scalcione A, Dirani G, Cricca M, Sambri V. Molecular Approach for the Laboratory Diagnosis of Periprosthetic Joint Infections. *Microorganisms*. 2022. Articolo in rivista.
 21. Marrazzo P, Fischer N, Nastasi C, Cricca M, Fusco D. Host-Pathogen Interactions: Organotypic Cultures to Unravel the Mysteries of the Primordial Hostility among Organisms. *Pathogens*. 2022. Articolo in rivista.
 22. Viciani E, Gaibani P, Castagnetti A, Liberatore A, Bartoletti M, Viale P, Lazzarotto T, Ambretti S, Lewis R, Cricca M. Critically ill patients with COVID-19 show lung fungal dysbiosis with reduced microbial diversity in patients colonized with *Candida* spp. *Int J Infect Dis.* 2022. Articolo in rivista.
 23. Marrazzo P, Cricca M, Nastasi C. Are the Organoid Models an Invaluable Contribution to ZIKA Virus Research? *Pathogens*. 2021 Sep 24;10(10):1233. doi: 10.3390/pathogens10101233. Articolo in rivista
 24. Carra E, Russo S, Micheli A, Garbarino C, Ricchi M, Bergamini F, Bassi P, Prosperi A, Piva S, Cricca M, Schiavo R, Merialdi G, Serraino A, Arrigoni N. Evidence of Common Isolates of *Streptococcus agalactiae* in Bovines and Humans in Emilia Romagna Region (Northern Italy). *Front Microbiol.* 2021 Jun 11; 12:673126. doi: 10.3389/fmicb.2021.673126. Articolo in rivista
 25. Maccaro A, Pascale R, Liberatore A, Turello G, Ambretti S, Viale P, Cricca M. *Pseudozyma aphidis* bloodstream infection in a patient with aggressive lymphoma and a history of intravenous drug use: Case report and review of the literature. *Med Mycol Case Rep.* 2021 Jun 2; 33:5-8. doi: 10.1016/j.mmcr.2021.05.002. Articolo in rivista, Corresponding author
 26. Piva S, Mariella J, Cricca M, Giacometti F, Brunetti B, Mondo E, De Castelli L, Romano A, Ferrero I, Ambretti S, Roccato M, Merialdi G, Scagliarini A, Serraino A, Peli A. Epidemiologic case investigation on the zoonotic transmission of *Staphylococcus aureus* infection from goat to veterinarians. *Zoonoses Public Health.* 2021 Sep;68(6):684-690. doi: 10.1111/zph.12836. Articolo in rivista
 27. Rinaldi M, Bartoletti M, Ferrarese A, Franceschini E, Campoli C, Coladonato S, Pascale R, Tedeschi S, Gatti M, Cricca M, Ambretti S, Siniscalchi A, Morelli MC, Cescon M, Cillo U, Di

- Benedetto F, Burra P, Mussini C, Cristini F, Lewis R, Viale P, Giannella M. Breakthrough invasive fungal infection after liver transplantation in patients on targeted antifungal prophylaxis: A prospective multicentre study. *Transpl Infect Dis*. 2021 Aug;23(4): e13608. doi: 10.1111/tid.13608. Articolo in rivista
28. Oliver JC, Laghi L, Parolin C, Foschi C, Marangoni A, Liberatore A, Dias ALT, Cricca M, Vitali B. Metabolic profiling of *Candida* clinical isolates of different species and infection sources. *Sci Rep*. 2020 Oct 7;10(1):16716. doi:10.1038/s41598-020-73889-1. Articolo in rivista, Corresponding author
 29. Bartoletti M, Pascale R, Cricca M, Rinaldi M, Maccaro A, Bussini L, Fornaro, G, Tonetti T, Pizzilli G, Francalanci E, Giuntoli L, Rubin A, Moroni A, Ambretti S, Trapani F, Vatamanu O, Ranieri VM, Castelli A, Baiocchi M, Lewis R, Giannella M, Viale P; PREDICO study group. Epidemiology of invasive pulmonary aspergillosis among COVID-19 intubated patients: a prospective study. *Clin Infect Dis*. 2020 Jul 28: ciaa1065. doi: 10.1093/cid/ciaa1065. Epub ahead of print. Articolo in rivista
 30. Campoli C, Ferraro S, Salfi N, Coladonato S, Morelli MC, Giannella M, Ambretti S, Viale PL, Cricca M. Diffuse primary cutaneous infection by *Alternaria alternata* in a liver transplant recipient with pulmonary nocardiosis: Importance of prompt identification for clinical resolution. *Med Mycol Case Rep*. 2020 May 4; 28:42-45. doi: 10.1016/j.mmcr.2020.04.007. Articolo in rivista, Corresponding author
 31. Bartoletti M, Rinaldi M, Pasquini Z, Scudeller L, Piano S, Giacobbe DR, Maraolo AE, Bussini L, Del Puente F, Incicco S, Angeli P, Giannella M, Baldassarre M, Caraceni P, Campoli C, Morelli MC, Cricca M, Ambretti S, Gentile I, Bassetti M, Viale P. Risk factors for candidaemia in hospitalized patients with liver cirrhosis: a multicentre case-control study. *Clin Microbiol Infect*. 2021 Feb;27(2):276-282. doi: 10.1016/j.cmi.2020.04.030. Articolo in rivista
 32. Masetti R, Prodi A, Liberatore A, Carfagnini F, Cappelletti E, Leardini D, Pession A, De Carolis E, Cricca M. Occurrence of *Albifimbria verrucaria* in the Blood of a Female Child With Neuroblastoma. *Front Med (Lausanne)*. 2020 Feb 14; 7:13. doi: 10.3389/fmed.2020.00013. Articolo in rivista, Corresponding author
 33. De Carolis S, Storci G, Ceccarelli C, Savini C, Gallucci L, Sansone P, Santini D, Seracchioli R, Taffurelli M, Fabbri F, Romani F, Compagnone G, Giuliani C, Garagnani P, Bonafè M, Cricca M. HPV DNA Associates With Breast Cancer Malignancy and It Is Transferred to Breast Cancer Stromal Cells by Extracellular Vesicles. *Front Oncol*. 2019 Sep 16; 9:860. doi: 10.3389/fonc.2019.00860. Articolo in rivista, Corresponding author
 34. Stanzani M, Cricca M, Sassi C, Sutto E, De Cicco G, Bonifazi F, Bertuzzi C, Bacci F, Paolini S, Cavo M, Lewis RE. *Saprochaete clavata* infections in patients undergoing treatment for haematological malignancies: A report of a monocentric outbreak and review of the literature. *Mycoses*. 2019 Dec;62(12):1100-1107. doi: 10.1111/myc.12978. Articolo in rivista
 35. Ambrosio MR, Vernillo R, De Carolis S, Carducci A, Mundo L, Ginori A, Rocca BJ, Nardone V, Lucenti Fei A, Carfagno T, Lazzi S, Cricca M, Tosi P. Putative Role of Circulating Human Papillomavirus DNA in the Development of Primary Squamous Cell Carcinoma of the Middle Rectum: A Case Report. *Front Oncol*. 2019 Feb 21; 9:93. doi: 10.3389/fonc.2019.00093. Articolo in rivista, Corresponding author
 36. Sansone P, Savini C, Kurelac I, Chang Q, Amato LB, Strillacci A, Stepanova A, Iommarini L, Mastroleo C, Daly L, Galkin A, Thakur BK, Soplop N, Uryu K, Hoshino A, Norton L, Bonafè M, Cricca M, Gasparre G, Lyden D, Bromberg J. Packaging and transfer of mitochondrial DNA via exosomes regulate escape from dormancy in hormonal therapy-resistant breast cancer. *Proc Natl Acad Sci U S A*. 2017 Oct 24;114(43): E9066-E9075. doi: 10.1073/pnas.1704862114. Epub 2017 Oct 11. Erratum in: *Proc Natl Acad Sci U S A*. 2017 Nov 13. Articolo in rivista
 37. Carolis S, Pellegrini A, Santini D, Ceccarelli C, De Leo A, Alessandrini F, Arienti C, Pignatta S, Tesei A, Mantovani V, Zamagni C, Taffurelli M, Sansone P, Bonafè M, Cricca M. Liquid biopsy in the diagnosis of HPV DNA in breast lesions. *Future Microbiol*. 2018 Feb;13:187-194. doi: 10.2217/fmb-2017-0145. Epub 2017 Oct 4. PMID: 28975808. Articolo in rivista, Corresponding author
 38. Prattichizzo F, Micolucci L, Cricca M, De Carolis S, Mensà E, Ceriello A, Procopio AD, Bonafè M, Olivieri F. Exosome-based immunomodulation during aging: A nano-perspective on inflamm-aging. *Mech Ageing Dev*. 2017 Dec; 168:44-53. doi: 10.1016/j.mad.2017.02.008. Articolo in rivista
 39. Sansone P, Berishaj M, Rajasekhar VK, Ceccarelli C, Chang Q, Strillacci A, Savini C, Shapiro L, Bowman RL, Mastroleo C, De Carolis S, Daly L, Benito-Martin A, Perna F, Fabbri N, Healey JH, Spisni E, Cricca M, Lyden D, Bonafè M, Bromberg J. Evolution of Cancer Stem-like Cells

- in Endocrine-Resistant Metastatic Breast Cancers Is Mediated by Stromal Microvesicles. *Cancer Res.* 2017 Apr 15;77(8):1927-1941. doi: 10.1158/0008-5472.CAN-16-2129. Epub 2017 Feb 15. Erratum in: *Cancer Res.* 2017 Oct 1;77(19):5438. Articolo in rivista
40. Sansone P, Ceccarelli C, Berishaj M, Chang Q, Rajasekhar VK, Perna F, Bowman RL, Vidone M, Daly L, Nnoli J, Santini D, Taffurelli M, Shih NN, Feldman M, Mao JJ, Colameco C, Chen J, DeMichele A, Fabbri N, Healey JH, Cricca M, Gasparre G, Lyden D, Bonafé M, Bromberg J. Self-renewal of CD133(hi) cells by IL6/Notch3 signalling regulates endocrine resistance in metastatic breast cancer. *Nat Commun.* 2016 Feb 9; 7:10442. doi: 10.1038/ncomms10442. Articolo in rivista
 41. De Carolis S, Bertoni S, Nati M, D'Anello L, Papi A, Tesei A, Cricca M, Bonafé M. Carbonic Anhydrase 9 mRNA/microRNA34a Interplay in Hypoxic Human Mammospheres. *J Cell Physiol.* 2016 Jul;231(7):1534-41. doi: 10.1002/jcp.25245. Epub 2015 Nov 30. Articolo in rivista
 42. Olivieri F, Albertini MC, Orciani M, Ceka A, Cricca M, Procopio AD, Bonafè M. DNA damage response (DDR) and senescence: shuttled inflamma-miRNAs on the stage of inflamm-aging. *Oncotarget.* 2015 Nov 3;6(34):35509-21. doi: 10.18632/oncotarget.5899. Articolo in rivista
 43. Cricca M, Marasco E, Alessandrini F, Fazio C, Prossomariti A, Savini C, Venturoli S, Chieco P, De Carolis S, Bonafè M, Re MC, Garagnani P, Mantovani V. High-throughput genotyping of high-risk Human Papillomavirus by MALDI-TOF Mass Spectrometry-based method. *New Microbiol.* 2015 Apr;38(2):211-23. Epub 2015 Apr 29. Articolo in rivista, Corresponding author
 44. Pileri A, Cricca M, Gandolfi L, Misciali C, Casadei B, Zinzani PL, Patrizi A. Vemurafenib mucosal side-effect. *J Eur Acad Dermatol Venereol.* 2016 Jun;30(6):1053-5. doi: 10.1111/jdv.13105. Articolo in rivista
 45. Kurelac I, Salfi NC, Ceccarelli C, Alessandrini F, Cricca M, Caliceti U, Gasparre G. Human papillomavirus infection and pathogenic mitochondrial DNA mutation in bilateral multinodular oncocytic hyperplasia of the parotid. *Pathology.* 2014 Apr;46(3):250-3. doi: 10.1097/PAT.000000000000079. Articolo in rivista
 46. Vidone M, Alessandrini F, Marucci G, Farnedi A, de Biase D, Ricceri F, Calabrese C, Kurelac I, Porcelli AM, Cricca M, Gasparre G. Evidence of association of human papillomavirus with prognosis worsening in glioblastoma multiforme. *Neuro Oncol.* 2014 Jan;16(2):298-302. doi: 10.1093/neuonc/not140. Epub 2013 Nov 26. Articolo in rivista
 47. Montevecchi M, Dorigo A, Cricca M, Checchi L. Comparison of the antibacterial activity of an ozonated oil with chlorhexidine digluconate and povidone-iodine. A disk diffusion test. *New Microbiol.* 2013 Jul;36(3):289-302. Epub 2013 Jun 30. PMID: 23912871. Articolo in rivista
 48. Bon I, Clò A, Borderi M, Colangeli V, Calza L, Morini S, Miserocchi A, Cricca M, Gibellini D, Re MC. Prevalence of R5 strains in multi-treated HIV subjects and impact of new regimens including maraviroc in a selected group of patients with CCR5-tropic HIV-1 infection. *Int J Infect Dis.* 2013 Oct;17(10):e875-82. doi: 10.1016/j.ijid.2013.02.020. Articolo in rivista
 49. Guerra F, Perrone AM, Kurelac I, Santini D, Ceccarelli C, Cricca M, Zamagni C, De Iaco P, Gasparre G. Mitochondrial DNA mutation in serous ovarian cancer: implications for mitochondria-coded genes in chemoresistance. *J Clin Oncol.* 2012 Dec 20;30(36):e373-8. doi: 10.1200/JCO.2012.43.5933. Epub 2012 Nov 13. Articolo in rivista
 50. Venturoli S, Leo E, Nocera M, Barbieri D, Cricca M, Costa S, Santini D, Zerbini M. Comparison of Abbott RealTime High Risk HPV and Hybrid Capture 2 for the detection of high-risk HPV DNA in a referral population setting. *J Clin Virol.* 2012 Feb;53(2):121-4. doi: 10.1016/j.jcv.2011.10.016. Epub 2011 Nov 23. Articolo in rivista
 51. Costa S, Venturoli S, Mennini FS, Marcellusi A, Pesaresi M, Leo E, Falasca A, Marra E, Cricca M, Santini D, Zerbini M, Pelusi G. Population-based frequency assessment of HPV-induced lesions in patients with borderline Pap tests in the Emilia-Romagna Region: the PATER study. *Curr Med Res Opin.* 2011 Mar;27(3):569-78. doi: 10.1185/03007995.2010.546730. Articolo in rivista
 52. Cricca M, Venturoli S, Leo E, Costa S, Musiani M, Zerbini M. Molecular analysis of HPV 16 E6/E6II spliced mRNAs and correlation with the viral physical state and the grade of the cervical lesion. *J Med Virol.* 2009 Jul;81(7):1276-82. doi: 10.1002/jmv.21496. Articolo in rivista, first author
 53. Leo E, Venturoli S, Cricca M, Musiani M, Zerbini M. High-throughput two-step LNA real time PCR assay for the quantitative detection and genotyping of HPV prognostic-risk groups. *J Clin Virol.* 2009 Aug;45(4):304-10. doi:10.1016/j.jcv.2009.04.021. Epub 2009 May 26. Articolo in rivista

54. Cricca M, Venturoli S, Leo E, Costa S, Musiani M, Zerbini M. Disruption of HPV 16 E1 and E2 genes in precancerous cervical lesions. *J Virol Methods*. 2009 Jun;158(1-2):180-3. doi: 10.1016/j.jviromet.2009.01.005. Articolo in rivista, first author
55. Gentilomi GA, Cricca M, De Luca G, Sacchetti R, Zanetti F. Rapid and sensitive detection of MS2 coliphages in wastewater samples by quantitative reverse transcriptase PCR. *New Microbiol*. 2008 Apr;31(2):273-80. Articolo in rivista
56. Venturoli S, Ambretti S, Cricca M, Leo E, Costa S, Musiani M, Zerbini M. Correlation of high-risk human papillomavirus genotypes persistence and risk of residual or recurrent cervical disease after surgical treatment. *J Med Virol*. 2008 Aug;80(8):1434-40. doi: 10.1002/jmv.21198. Articolo in rivista
57. Cricca M, Morselli-Labate AM, Venturoli S, Ambretti S, Gentilomi GA, Gallinella G, Costa S, Musiani M, Zerbini M. Viral DNA load, physical status and E2/E6 ratio as markers to grade HPV16 positive women for high-grade cervical lesions. *Gynecol Oncol*. 2007 Sep;106(3):549-57. doi: 10.1016/j.ygyno.2007.05.004. Articolo in rivista, first author
58. Ambretti S, Venturoli S, Mirasoli M, La Placa M, Bonvicini F, Cricca M, Zerbini M, Roda A, Musiani M. Assessment of the presence of mucosal human papillomaviruses in malignant melanomas using combined fluorescent in situ hybridization and chemiluminescent immunohistochemistry. *Br J Dermatol*. 2007 Jan;156(1):38-44. doi: 10.1111/j.1365-2133.2006.07541. Articolo in rivista
59. Cricca M, Venturoli S, Morselli-Labate AM, Costa S, Santini D, Ambretti S, Musiani M, Zerbini M. HPV DNA patterns and disease implications in the follow-up of patients treated for HPV16 high-grade carcinoma in situ. *J Med Virol*. 2006 Apr;78(4):494-500. doi: 10.1002/jmv.20567. Articolo in rivista, first author
60. Musiani M, Manaresi E, Gallinella G, Cricca M, Zerbini M. Recurrent erythema in patients with long-term parvovirus B19 infection. *Clin Infect Dis*. 2005 Jun 15;40(12):e117-9. doi: 10.1086/430442. Epub 2005 May 11. Articolo in rivista
61. Bonvicini F, Gallinella G, Cricca M, Ambretti S, Delbarba S, Musiani M, Zerbini M. Molecular testing for detection of in vitro infectivity of plasma pools contaminated with B19 virus. *J Med Virol*. 2004 Oct;74(2):272-6. doi:10.1002/jmv.20180 Articolo in rivista
62. Bonvicini F, Gallinella G, Cricca M, Venturoli S, Musiani M, Zerbini M. A new primer set improves the efficiency of competitive PCR-ELISA for the detection of B19 DNA. *J Clin Virol*. 2004 Jun;30(2):134-6. doi: 10.1016/j.jcv.2003.09.002. Articolo in rivista
63. Cricca M, Bonvicini F, Venturoli S, Ambretti S, Gallinella G, Gentilomi G, Musiani M, Zerbini M. Efficient treatment of paraffin-embedded cervical tissue for HPV DNA testing by HC-II and PCR assays. *J Clin Virol*. 2004 Feb;29(2):137-40. doi: 10.1016/s1386-6532(03)00109-4. Articolo in rivista, first author
64. Costa S, De Simone P, Venturoli S, Cricca M, Zerbini ML, Musiani M, Terzano P, Santini D, Cristiani P, Syrjänen S, Syrjänen K. Factors predicting human papillomavirus clearance in cervical intraepithelial neoplasia lesions treated by conization. *Gynecol Oncol*. 2003 Aug;90(2):358-65. doi: 10.1016/s0090-8258(03)00268-3. Articolo in rivista, first author
65. Gallinella G, Zuffi E, Gentilomi G, Manaresi E, Venturoli S, Bonvicini F, Cricca M, Zerbini M, Musiani M. Relevance of B19 markers in serum samples for a diagnosis of parvovirus B19-correlated diseases. *J Med Virol*. 2003 Sep;71(1):135-9. doi: 10.1002/jmv.10452. Articolo in rivista
66. Venturoli S, Cricca M, Bonvicini F, Giosa F, Pulvirenti FR, Galli C, Musiani M, Zerbini M. Human papillomavirus DNA testing by PCR-ELISA and hybrid capture II from a single cytological specimen: concordance and correlation with cytological results. *J Clin Virol*. 2002 Aug;25(2):177-85. doi: 10.1016/s1386-6532(02)00007-0. Articolo in rivista
67. Roda A, Mirasoli M, Venturoli S, Cricca M, Bonvicini F, Baraldini M, Pasini P, Zerbini M, Musiani M. Microtiter format for simultaneous multianalyte detection and development of a PCR-chemiluminescent enzyme immunoassay for typing human papillomavirus DNAs. *Clin Chem*. 2002 Oct;48(10):1654-60. Articolo in rivista
68. Venturoli S, Bonvicini F, Cricca M, Gallinella G, Giosa F, Farinazzo F, Stefanuto G, Musiani M, Zerbini M. Evaluation of commercial kits for the detection and typing of human papillomavirus in cervical swabs. *J Virol Methods*. 2002 Aug;105(1):49-56. doi: 10.1016/s0166-0934(02)00066-6. Articolo in rivista
69. Zerbini M, Gallinella G, Cricca M, Bonvicini F, Musiani M. Diagnostic procedures in B19 infection. *Pathol Biol (Paris)*. 2002 Jun;50(5):332-8. doi: 10.1016/s0369-8114(02)00308-5. Articolo in rivista

70. Manaresi E, Gallinella G, Gentilomi G, Venturoli S, Zuffi E, Bonvicini F, Cricca M, Zerbini M, Musiani M. Humoral immune response to parvovirus B19 and serological diagnosis of B19 infection. Clin Lab. 2002;48(3-4):201-5. Articolo in rivista
71. Venturoli S, Cricca M, Bonvicini F, Gallinella G, Gentilomi G, Zerbini M, Musiani M. Detection of adeno-associated virus DNA in female genital samples by PCR-ELISA. J Med Virol. 2001 Aug;64(4):577-82. doi: 10.1002/jmv.1088. Articolo in rivista
72. Zerbini M, Venturoli S, Cricca M, Gallinella G, De Simone P, Costa S, Santini D, Musiani M. Distribution and viral load of type specific HPVs in different cervical lesions as detected by PCR-ELISA. J Clin Pathol. 2001 May;54(5):377-80. doi: 10.1136/jcp.54.5.377. Articolo in rivista
73. Zerbini M, Gentilomi G, Cricca M, Manaresi E, Bonvicini F, Musiani M. A system to enhance the sensitivity of digoxigenin-labelled probe: detection of B19 DNA in serum samples. J Virol Methods. 2001 Apr;93(1-2):137-44. doi:10.1016/s0166-0934(01)00265-8. Articolo in rivista
74. Zerbini M, Cricca M, Gentilomi G, Venturoli S, Gallinella G, Musiani M. Tyramide signal amplification of biotinylated probe in dot-blot hybridization assay for the detection of parvovirus B19 DNA in serum samples. Clin Chim Acta. 2000 Dec;302(1-2):79-87. doi: 10.1016/s0009-8981(00)00354-5. Articolo in rivista

Partecipazione in courses

1. Seminar "DNA Analysis 1999", 26 febbraio 1999, Palazzo degli Affari, Firenze. Organizzatore: Roche Diagnostics.
2. Seminar "2-D Electrophoresis European Seminar Tour 1999", 14 ottobre 1999, Bologna. Organizzatore: Amersham pharmacia biotech Italia.
3. 10° Corso di Cito-Istologia sul tema "Citopatologia Ginecologica", 7 settembre 2000, Ospedale Bellaria, Bologna. Organizzatori: AUSL Città di Bologna e Università degli Studi di Bologna.
4. Corso "DNA microarrays", 11 aprile 2001, Palazzo Lita, Segrate-Milano. Organizzatori: Università degli studi di Milano e CNR
5. Corso Light Cycler Events 2003 "Quantificazione genica ed analisi di mutazioni in Real Time PCR", 18 giugno 2003, Bologna, Roche Diagnostics.
6. Seminar "Principi di Citofluorimetria e Tecnologie Applicate", 15 settembre 2011, Ospedale Sant'Orsola Malpighi, Bologna. Organizzatore: AOSP Bologna
7. Corso di perfezionamento "Bioinformatica applicata all'evoluzione molecolare e filogenesi degli agenti infettivi", 18-22 giugno 2012, Organizzatore: Dipartimento di Scienze Cliniche L. Sacco, Milano, Italia
8. Seminar Annuale dei Ricercatori, 27 giugno 2012, Aula Murri, Policlinico Sant'Orsola Mapighi, Bologna. Organizzatore: AOSP Bologna
9. Seminar GS-Junior Amplicon, 13-15 Luglio 2015, Policlinico Sant'Orsola Malpighi, Bologna. Organizzatore: Roche Diagnostics
10. Healthcare training corse "Prevenzione e controllo della trasmissione di enterobatteri produttori di carbapenemasi", 5 febbraio 2017, Policlinico Sant'Orsola Malpighi, Bologna. Organizzatore AOSP. Crediti ECM: 4
11. Training on the activities of the Bacteriology Department and related shift work for emergencies and on-call duty. 1 Marzo 2018 - 19 Aprile 2018, Policlinico Sant'Orsola Malpighi, Bologna. Crediti ECM: 30
12. 1st European Meeting on Syndromic Approach, 17-18 Maggio 2018, Barcellona, Spagna. Organizzatore: Biomerieux
13. Training course "Aspetti diagnostici delle Micosi", 20-24 Maggio 2019, Reggio Calabria, Italia. Organizzatore: AMCLI (Associazione dei Microbiologi Italiani). Crediti ECM: 32.
14. Webinar "MIND: la gestione delle infezioni nel paziente onco-ematologico", 20 Aprile 2021, Provider: MICOM.
15. Meeting "E tornammo a riveder le stelle...orse", 25 Maggio 2022, Palazzo Isolani, Bologna. Organizzatore: APSI. Crediti ECM: 6
16. Webinar "Le infezioni correlate all'assistenza (ICA), nuove opportunità per vincere la sfida", 22 giugno 2022. Organizzatore Pfizer.
17. Webinar "Identification, Teamwork cross-disciplinare nella stewardship antimicrobica delle IFI", 12 Settembre 2022. Organizzatore: Gilead.
18. FAD Sincrona "ASTRA, approcci strutturati innovativi nella gestione delle resistenze antibiotiche", 13 settembre 2022. Organizzatore I&C S.r.l. Crediti ECM: 9
19. Trsining course "Emocultura perchè? anno 2022", 18 Settembre 2022, Organizzatore: AUSL Romagna. Crediti ECM: 10

20. Training course "Igiene delle Mani in ambito assistenziale 2022", 25 Settembre 2022, Organizzatore: AUSL Romagna. Crediti ECM: 15
21. XV Congresso Nazionale FIMUA 2022, 30 Settembre/1 Ottobre. Hotel Pineta Palace, Roma. Organizzatore: FIMUA. Crediti ECM: 19,5
22. Training course "Prevenzione della corruzione, trasparenza e integrità per SANITARI - anno 2022", 15 ottobre 2022, Organizzatore: AUSL Romagna. Crediti ECM: 5
23. Seminar "Uso dei nuovi (e vecchi) antibiotici: una proposta pragmatica di place in therapy nei pazienti critici". 10-11 Novembre 2022, NH Venezia Laguna Palace Hotel, Mestre (Venezia). Organizzatore: Dephaforum S.r.l
24. Meeting "Biomarker di infezioni e sepsi in gestione al laboratorio e a supporto della clinica", 31 gennaio 2024, Fiera Cesena.
25. Training course: Escherichia coli produttore di Shiga tossina (STEC): approccio One-Health nella gestione del rischio clinico ed epidemico. Realizzato dall'ISS, 2024
26. Webinar SIMPIOS "Corretta profilassi antibiotica chirurgica e medica", 17 Ottobre 2024

Invited speaker at corporate events

1. Speaker at the corporate event. "Carcinoma mammario e Papillomavirus", Meeting aziendale "La Microbiologia tra Ricerca e Clinica" 16 febbraio, 2012, Azienda Ospedaliero - Universitaria di Bologna "Policlinico Sant'Orsola - Malpighi, Bologna, Italia.
2. Tutor at the corporate event "Saggi per la valutazione della sensibilità in vitro dei lieviti", svoltosi dal 01/07/2020 al 31/12/2020, Azienda Ospedaliero - Universitaria di Bologna "Policlinico Sant'Orsola - Malpighi, Bologna, Italia. 12 crediti formativi
3. Speaker at the corporate event. Titolo della relazione "IL RUOLO DELLA MICROBIOLOGIA CONVENZIONALE E DELLA FAST MICROBIOLOGY NELLA DIAGNOSI DELLE INFEZIONI DEL DISTRETTO OSTEOARTICOLARE", Rimini, 9 febbraio 2023
4. Speaker at the corporate event "Leishmaniosi: un problema emergente", 21/06/23, Aula Magna Ospedale Bufalini Cesena
5. Speaker at the corporate event. dal titolo "ACTION - Azioni Condivise in anTImicrObico terapia Nella pratica clinica" Ravenna, Ospedale Santa Maria delle Croci, 3 marzo 2023
6. Speaker at the corporate event "Antimicrobial stewardship in ospedale. Il programma aziendale AUSL della Romagna", 18 maggio, 2023, Pievesestina (FC).
7. Speaker at the corporate event. "Clostridium difficile infection: what's new", Ospedale Bufalini Cesena, 10 Ottobre 2023
8. Speaker at the corporate event "Microbiologia e antibiotico resistenze", disponibile dal 19/03/2024 sulla piattaforma AUSL Romagna.
9. Speaker at the corporate event Non solo IAPA: aspergilloso polmonare invasiva associata ad Influenza e SARS COV2 nel paziente critico, Aula SPDC, Padiglione Flaminio, Ospedale Infermi Rimini
10. Speaker at the corporate event Cluster CPE nelle Aree Mediche - Ambito Ravenna, relazione dal titolo Dalle definizioni di CPE all'epidemiologia locale, Ospedale Santa Maria delle Croci, 4 Novembre 2024.

Speaker at meetings

1. "L'ESPERIENZA DELLA FOSFOMICINA DISODICA NELLA PRATICA CLINICA DELLA ROMAGNA", Pievesestina (FC), 09 Giugno 2022 presso il CENTRO SERVIZI PIEVESESTINA, Cesena
2. "Inside", Ospedale Bufalini Cesena, 18 Settembre 2023
3. "Candidosi invasive e Candida auris" Polo Tecnologico Alto Adriatico – Andrea Galvani. Pordenone, 4 ottobre 2023
4. "Infectionet, approccio multidisciplinare alle infezioni nel paziente critico...la rete che cura!", Centro Polifunzionale "Ex Macello" Cesena, 23/24 gennaio 2024.
5. "Clostridioides difficile related diseases: an old story with new perspectives", Advanced School in Microbiology, SIM, 4 Marzo, 2024, evento fad.
6. Moderatrice Workshop "Dalla tradizione alle innovazioni, nuove frontiere nella diagnostica delle Candidosi Invasive Un'anteprima degli studi in corso nell'ambito del 52° Congresso Nazionale SIM 2024", SIM 2024, Pavia 8-11 settembre.

7. Relatrice al meeting FAPESP Week Italy – Università di Bologna, 14-15 October 2024, Titolo della presentazione "Cutting-Edge Diagnostics for Environmental and Nosocomial Infections: AMR and Emerging Pathogens"
8. Relatore NATIONAL CONSENSUS CONFERENCE: The Role of Rapid and Advanced Microbiology in Critical Care Patients, 28-29 Ottobre 2024, Rocca delle Caminate - Tecnopolo di Forlì - Cesena, Meldola - Forlì.
9. Relatrice al Congresso SIMIT, presentazione dal titolo "Influenza del test rapido di sensibilità fenotipica nella diagnostica della sepsi nella real-life. Possiamo diagnosticare rapidamente l'infezione al momento della presentazione e qual è il ruolo del molecolare test nella fase iniziale e oltre?", Cosenza 7-10 Novembre 2024
10. Relatrice webinar ALLA SCOPERTA DEI MAMMALIAN ORTHOREOVIRUS: UN APPROCCIO ONE HEALTH - 29 novembre 2024, organizzato da IZLER delle Venezie

Teaching activity at University of Bologna

Academic Year 2006-2007

- Lecturer in Microbiology and Clinical Microbiology, part of the integrated course in Microbiology and Pathology, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 12 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2007-2008

- Lecturer in Microbiology and Clinical Microbiology, part of the integrated course in Microbiology and Pathology, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 12 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology Laboratory, part of the integrated course in Microbiology and Clinical Pathology, Bachelor's degree in Biotechnology, Faculty of Mathematical, Physical and Natural Sciences, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2008-2009

- Lecturer in Microbiology and Clinical Microbiology, part of the integrated course in Microbiology and Pathology, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 12 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology Laboratory, part of the integrated course in Microbiology and Clinical Pathology, Bachelor's degree in Biotechnology, Faculty of Mathematical, Physical and Natural Sciences, University of Bologna, Bologna Campus, 30 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2009-2010

- Lecturer in Microbiology and Clinical Microbiology, part of the integrated course in Microbiology and Pathology, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 12 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology Laboratory, part of the integrated course in Microbiology and Clinical Pathology, Bachelor's degree in Biotechnology, Faculty of Mathematical, Physical and Natural Sciences, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2010-2011

- Lecturer in Microbiology and Clinical Microbiology, part of the integrated course in Microbiology and Pathology, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 12 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2011-2012

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Seminar Activities 1, Bachelor's degree in Podiatry, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 36 hours, (3 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2012-2013

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology and Clinical Microbiology, integrated course in Microbiology and Pathology, Bachelor's degree in Obstetrics, Faculty of Medicine and Surgery, University of Bologna, Rimini Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2013-2014

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology and Clinical Microbiology, integrated course in Microbiology and Pathology, Bachelor's degree in Obstetrics, Faculty of Medicine and Surgery, University of Bologna, Rimini Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2014-2015

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology and Clinical Microbiology, integrated course in Microbiology and Pathology, Bachelor's degree in Obstetrics, Faculty of Medicine and Surgery, University of Bologna, Rimini Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2015-2016

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Principles of Infectiology, methods of disease transmission, part of the integrated course in Prevention Sciences, Bachelor's degree in Techniques for Prevention in Environmental and Workplace Health, Imola Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology (REC) (C), Master's degree in Medicine and Surgery, University of Bologna, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2016-2017

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Principles of Infectiology, methods of disease transmission, part of the integrated course in Prevention Sciences, Bachelor's degree in Techniques for Prevention in Environmental and Workplace Health, Imola Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2017-2018

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Principles of Infectiology, methods of disease transmission, part of the integrated course in Prevention Sciences, Bachelor's degree in Techniques for Prevention in Environmental and Workplace Health, Imola Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2018-2019

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Principles of Infectiology, methods of disease transmission, part of the integrated course in Prevention Sciences, Bachelor's degree in Techniques for Prevention in Environmental and Workplace Health, Imola Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2019-2020

- Lecturer in Microbiology, part of the integrated course in Biomedical Sciences, Bachelor's degree in Orthopedic Techniques, Faculty of Medicine and Surgery, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Principles of Infectiology, methods of disease transmission, part of the integrated course in Prevention Sciences, Bachelor's degree in Techniques for Prevention in Environmental and Workplace Health, Imola Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2020-2021

- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

- Lecturer in Microbiology, part of the integrated course in Microbiology, General Pathology and Hygiene, Bachelor's degree in Dietetics, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology (L-Z), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2021-2022

- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology, part of the integrated course in Microbiology, General Pathology and Hygiene, Bachelor's degree in Dietetics, University of Bologna, Bologna Campus, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology (L-Z), Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2022-2023

- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology, responsible for the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology, Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 64 hours, (8 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in General Microbiology, responsible for the integrated course in Preventive Sciences and Community Health, Bachelor's degree in Nursing, Ravenna Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in General and Clinical Microbiology, responsible for the integrated course in Public Health Sciences, Bachelor's degree in Nursing, Ravenna Campus, University of Bologna, 24 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2023-2024

- Lecturer in Clinical Microbiology (A-K), part of the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Bologna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Clinical Microbiology, responsible for the integrated course in Laboratory Medicine, Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 16 hours, (2 CFU), SSD: MED07, SC: 06A3, Language: Italian
- Lecturer in Microbiology, Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 64 hours, (8 CFU), SSD: MED07, SC: 06A3, Language: Italian

Academic Year 2024-2025

- Lecturer in Climate Change and Infections, part of the integrated course "One Health Approach to Global Health Challenges in the Anthropocene," Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 8 hours, (1 CFU), SSD: MED07, SC: 06A3, Language: Italian

- Lecturer in Microbiology, Master's degree in Medicine and Surgery, University of Bologna, Ravenna Campus, 64 hours, (8 CFU), SSD: MED07, SC: 06A3, Language: Italian

Research Projects

- 2024: Principal Investigator of the pre-marketing FDA validation study titled "Development Study Protocol – VITEK® REVEAL™ SGP3 Gram-Positive Blood Culture Antimicrobial Susceptibility Testing" with Biomerieux SA.
- 2024: Participant in the project "Cefiderocol sensitivity in clinically relevant *P. aeruginosa* from different centers in Italy, PI Prof. Stefania Stefani, University of Catania, sponsored by Shionogi."
- 2024: Responsible for an external validation project with Copan Italia S.p.A. for the validation of the CAB Broth™ (RUO) liquid medium for the enrichment of *Candida auris* in surveillance samples.
- 2023-2025: Collaboration on the PRIN 2022 research project titled "An Artificial Intelligence Approach for Risk Prediction in Patients with Sepsis Caused by *Klebsiella Pneumoniae* Multidrug-Resistant Strains." Project code 2022PNX2YP_001, PI Prof. Sambri. The project runs from 28/09/2023 to 27/09/2025 (unless extended).
- 2022: Responsible for the project "Surveillance of *Candida auris* in AUSL Romagna. AUSL Romagna corporate project."
- 2021-2022: Collaboration on the project "Innovative and sustainable solutions in the era of shared electric mobility and circular economy for the production of synthetic leather for car interiors" (PG/2019/894976) funded under the POR FESR 2014-2020 call by the Emilia-Romagna Region, in collaboration with Vulcaflex Spa, CIRI-MAM, and CIRI-FRAME at the University of Bologna. In this project, Dr. Monica Cricca tested the antibacterial activity of synthetic surfaces.
- 2020: Responsible for the project "Mycology Registry of Filamentous Fungi Isolated from Hematologic Patients Hospitalized at the Institute of Hematology L. and A. Seragnoli, Sant'Orsola Malpighi Hospital," Research Grant, Pfizer.
- 2020: Participant in the project "PASS- Plasma Assisted Sanitation System" Principal Investigator: Pietro Rocculi (DISTAL, University of Bologna), Source: EIT Food COVID-19.
- 2019: Responsible for the project "Mycology Registry of Epidemiology and Resistance of Filamentous Fungi." Research Grant, Pfizer.
- 2017: Participant in the project "Rezafungin for Injection," CD101.IV.3.05 Phase 3 (Sponsor: Cidara Therapeutics), Principal Investigator: Pierluigi Viale (DIMEC, University of Bologna).
- 2017: Recipient of the "Fund for the Financing of Basic Research Activities," established by the 2017 Budget Law 232/2016, Article 295, within the ordinary funding for state universities under Article 5 of Law No. 537/1993. Prof. Monica Cricca is among the 37.5% of researchers eligible for funding.
- 2010-2015: Responsible for projects funded by Mirage Granito Ceramico Spa and Ceramiche Atlas Concorde Spa for the study of antibacterial activity against Gram-positive (*S. aureus* and *Enterococcus faecalis*) and Gram-negative (*E. coli* and *Pseudomonas aeruginosa*) bacteria on ceramic surfaces functionalized with silver and titanium particles. The projects included:
 - Three-month project (July-September 2010) with Mirage GRANITO CERAMICO SPA in Pavullo nel Frignano (MO).
 - Three-month project (December 2010-February 2011) with CERAMICHE ATLAS CONCORDE SPA in Spezzano di Fiorano Modenese (MO).
 - Three-month project (May-July 2011) with CERAMICHE ATLAS CONCORDE SPA in Spezzano di Fiorano Modenese (MO).
 - Third-party contract with Mirage GRANITO CERAMICO SPA in Pavullo nel Frignano (MO) (September 2013).
 - Third-party contracts with Mirage GRANITO CERAMICO SPA in Pavullo nel Frignano (MO) (July 2015).
- 2012: Participant in the FARB Project (University Research Funding for Basic Research, Line 1, Feasibility Studies, call 19.01.2012) co-financed by FIBRA (Italo-Brazilian Cultural Foundation) titled "Identification of Animal Models for Papillomavirus Carcinogenesis," Coordinator Prof. Giuliano Bettini, Department of Veterinary Sciences, University of Bologna. The project included collaboration with the Centro de Pesquisas René Rachou - Fiocruz Minas Gerais, Brazil, Laboratory of Cellular and Molecular Immunology (Dr. Jaqueline Germano de Oliveira).
- 2006: Participant in the peer-reviewed project "Prevention, Diagnosis, Prognosis, and Therapy of Viral Infections in Pregnant Women, Fetuses, and Newborns," funded by the Ministry of Health – Directorate General for Scientific and Technological Research, Finalized Research, attributed to the Microbiology Unit "S. Orsola – Malpighi" – University of Bologna (Agreement No. 86).

- 2000: Participant in the peer-reviewed project "Comparative Analysis of Viral Load and Prevalent HPV Genotypes in High-Grade Cervical Lesions" under the RFO (Fundamental Oriented Research) funds, University of Bologna.
- 1999: Participant in the peer-reviewed project "Incidence and Clinical Role of Active Parvovirus B19 Infection in Transplant Patients" under the RFO (Fundamental Oriented Research) funds, University of Bologna.

Co-marketing Contracts

- Holder of a co-marketing contract, as per the resolution of the Board of Directors dated 12/04/2011, between the University of Bologna and Mirage GRANITO CERAMICO SPA for determining the antibacterial power of ceramic surfaces.
- Collaborations with International Research Groups
- 2018: Collaboration with the Departamento de Microbiologia e Imunologia, Universidade Federal de Alfenas (UNIFAL-MG), Alfenas – Brazil (Dr. Amanda Latercia Tranches Dias) as part of the CAPES (Coordination for the Improvement of Higher Education) project for the metabolomic characterization of Candida strains.
- 2014-2017: Collaboration with Dr. J. Bromberg (Department of Medicine, Weill Cornell Medicine, New York, Memorial Sloan Kettering Cancer Center) and Dr. P. Sansone (Postdoctoral Fellow) for the characterization of nanovesicles in the mammary humoral niche.
- 2013-2015: Collaboration with the Centro de Pesquisas René Rachou - Fiocruz Minas Gerais, Brazil, Laboratory of Cellular and Molecular Immunology, Dr. Jaqueline Germano de Oliveira for cross-species infections of papillomavirus.

Awards and Recognitions

National Awards

- Winner of the AMCLI Award 2002, established by the Italian Microbiologists Association during the XXXI National Congress held in Rimini on September 17-20, 2002.
- "Malpighi d'Oro" Graduation Award - 2003 Edition, awarded by the Lions Club Crevalcore Marcello Malpighi on 16/04/2003 for virology research.
- Winner of the AMCLI Award 2003, established by the Italian Microbiologists Association during the XXXII National Congress held in Florence on October 14-17, 2003.

International Awards

- Winner of a Grant for presenting at the "8th Annual Meeting of the European Society for Clinical Virology," Geneva, April 27-30, 2005.
- Corresponding author of the publication "HPV DNA Associates With Breast Cancer Malignancy and It Is Transferred to Breast Cancer Stromal Cells by Extracellular Vesicles," Front Oncol. 2019, included in the Special Edition 2019, Breast Cancer Awareness Month, edited by Paula R. Pohlman and Sarah M. Temkin, published in Frontiers in Oncology.

Other Relevant Experience and Contributions

- Member of the corporate working group "Management of the Proper Use of Antibiotics in the Region through the Establishment of a New Organizational Interface between Hospital and Territory."
- Member of the regional working group "Indicators for Monitoring the Objectives of Regional Health Planning."
- Member of the infection risk management group SPiAR, Infectious Risk Program and Antimicrobial Stewardship, AUSL Romagna.
- Member of the VQR Committee of the Department of Specialist, Diagnostic, and Experimental Medicine, five-year sessions 2010-2014 and 2015-2019.
- Since 2022, member of the Student Transfer Commission from other Universities, Bologna, Cesena, and Ravenna campuses.
- Participant in the regional Giano 2 course, Bologna 2024.
- Member of the SIMPIOS executive board, in office since November 6, 2024.