

CURRICULUM VITAE

Il sottoscritto Antonelli Alberto,
consapevole delle responsabilità penali cui può andare incontro, in caso di dichiarazioni mendaci, ai
sensi e per gli effetti di cui all'art. 76 del D.P.R. 445/2000 e consapevole che, ai sensi dell'art. 13, del
Regolamento UE 2016/679 (GDPR), la presente dichiarazione sarà pubblicata sul sito web
dell'amministrazione in apposita sezione di Amministrazione Trasparente, sotto la propria responsabilità

dichiara
ai sensi degli artt. 46 e 47 del DPR 445/2000

INFORMAZIONI PERSONALI Alberto Antonelli

OBIETTIVI PROFESSIONALI

Attività di ricerca, didattica e diagnostica in Microbiologia e Microbiologia clinica con un
particolare interesse nei confronti della resistenza agli antibiotici, della genomica microbica
e le interazioni patogeno-ospite.

1 Marzo 2020-in corso

Assegno di ricerca presso il Dipartimento di Medicina Sperimentale e Clinica, Università degli studi di Firenze, dal titolo:
"Valutazione dell'attività *in vitro* di nuovi antibiotici e combinazioni di β -lattamici/inibitori di β -lattamasi su isolati di batteri Gram-negativi multi-resistenti"

1 Marzo 2018-29Febbraio 2020

Assegno di ricerca presso il Dipartimento di Medicina Sperimentale e Clinica, Università degli studi di Firenze, dal titolo:
"Diagnosi personalizzata mediante microchips di rilevanti patologie a base genetica e patologie associate a disbiosi (Acronimo MICROlab)"

1 Dicembre 2016-28Febbraio
2018

Assegno di ricerca presso il Dipartimento di Medicina Sperimentale e Clinica, Università degli studi di Firenze, dal titolo:
"Caratterizzazione dei meccanismi molecolari alla base del successo evolutivo di subcloni di ST258 *K. pneumoniae* produttori di KPC: ruolo di fattori batterici e molecole TH17-correlate nella colonizzazione delle mucose"

1 Dicembre 2015- 30 Novembre
2016

Assegno di ricerca presso il Dipartimento di Medicina Sperimentale e Clinica, Università degli studi di Firenze, dal titolo:
"Realizzazione di una piattaforma di *Next Generation Sequencing* (NGS) applicata alla genotipizzazione dei ceppi batterici multi-resistenti agli antibiotici"

1 Novembre 2012- 30 Novembre 2015

Dottorato di ricerca in *Medical Biotechnologies* presso il Dipartimento di Biotecnologie Mediche, Università degli studi di Siena. Titolo della tesi (discussa il 10 Febbraio 2016): *"Characterization of resistance determinants in clinical and environmental isolates of multi-resistant bacteria"*

ESPERIENZA DIDATTICA

Insegnamenti Anno Accademico 2018-2019, 2019-2020, 2020-2021, 2021-2022

-Insegnamento di Microbiologia, microbiologia clinica e tecniche diagnostiche (1 credito), Corso di Laurea in Tecniche di laboratorio biomedico presso Università degli studi di Firenze
-Insegnamento di Microbiologia (1 credito) all'interno del modulo di Nutrizione nelle collettività per il Corso di Laurea Triennale in Dietistica presso Università degli studi di Firenze
-Insegnamento di Microbiologia generale e clinica (2 crediti), Corso di Laurea in Infermieristica e Ostetricia presso Università degli studi di Firenze

Docenze a corsi nazionali

DC-5. Corso a Master di II livello in "Diagnostica Microbiologica avanzata", Università degli studi di Pavia. Titolo del corso: "Diagnostica molecolare e nuovi antibiotici". Pavia, 10 Aprile 2021.
DC-4. Corso a Master di II livello in "Diagnostica Microbiologica avanzata", Università degli studi di Pavia. Titolo del corso: "Diagnostica molecolare e nuovi antibiotici". Pavia, 22 Febbraio 2020.
DC-3. Lezione a Master Medicina Tropica e Salute Globale 2019. Titolo della lezione: "Test di sensibilità, metodologia e criteri interpretativi". Firenze, 20 Maggio 2019.
DC-2. Corso a Master di II livello in "Diagnostica Microbiologica avanzata", Università degli studi di Pavia. Titolo del corso: "Patogeni Gram-negativi MDR, XDR e PDR: Diagnostica molecolare e nuovi antibiotici". Pavia, 15 Febbraio 2019.
DC-1. Corso a Masterclass in Antibioticoterapia. Titolo del corso: "Infezioni da Gram+ nel contesto nosocomiale: la dimensione del problema". Napoli, 16 Aprile 2018.

ISTRUZIONE E FORMAZIONE

Novembre 2019-in corso

Specializzando di Microbiologia e Virologia presso l'Università degli studi di Firenze.

Dicembre 2015-in corso

Assegnista di ricerca presso il Dipartimento di Medicina Sperimentale e Clinica, Università degli studi di Firenze.

November 2012- November 2015

Dottorato di ricerca in *Medical Biotechnologies* presso il Dipartimento di Biotecnologie Mediche, Università degli studi di Siena. Titolo della tesi (discussa il 10 Febbraio 2016): "*Characterization of resistance determinants in clinical and environmental isolates of multi-resistant bacteria*"

2010-2012 Laurea Magistrale in *Medical Biotechnologies* presso l'Università degli studi di Siena (in lingua Inglese), conseguita il 25 Settembre 2012 con votazione 110/110 e lode, con tesi dal titolo: "*Molecular epidemiology and characterization of metallo- β -lactamase-producing clinical isolates of *Pseudomonas aeruginosa**";

2007-2010 Laurea Triennale in Biotecnologie presso l'Università degli studi di Siena, conseguita il 26 Luglio 2010 con votazione "110/110 e lode", con tesi dal titolo "Meccanismi di resistenza a β -lattamici e chinoloni in isolati clinici di *Enterobacteriaceae*";

2007 Diploma di Scuola Secondaria Superiore Liceo Scientifico Galileo Galilei, Siena anno 2007, votazione 100/100.

CAPACITA' E COMPETENZE PERSONALI

Lingua madre Italiano

Altre lingue

	COMPRENSIONE		PARLATO		SCRITTO
	Listening	Reading	Spoken interaction	Spoken production	
Inglese	C1	C1	C1	C1	C1

Certificazioni: Cambridge English Advanced (CAE), TOEFL (103/110)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Competenze comunicative Buone capacità comunicative maturate tramite esperienza come relatore a congressi nazionali e internazionali

Capacità organizzative/manageriali

Correlatore di Tesi di Medicina, Tecniche di Laboratorio Biomedico e Lauree Triennali e Magistrali in Biologia e Biotecnologie presso Università degli studi di Firenze.
Relatore di una Tesi in Tecniche di Laboratorio Biomedico.
Rappresentante degli studenti per i corsi di Laurea in Biotecnologie e Medical Biotechnologies dal 2007 al 2012

Competenze lavorative

Estrazione DNA ed RNA batterico, *Whole genome-sequencing* (Illumina Miseq), assemblaggio, annotazione ed analisi di dati *Next-Generation Sequencing* (NGS), ricerca bioinformatica avanzata in NCBI, analisi di sequenze nucleotidiche e proteiche, utilizzo dei programmi Vector NTI e Blast. Disegno e messa a punto di primer e sonde per Multiplex Real Time PCR e PCR end-point. Comparazione di metodiche per saggiare l'attività di farmaci antimicrobici. Esperienza in metodiche di ibridazione a DNA, elettroforesi degli acidi nucleici, coniugazione e trasformazione batterica, *Pulsed-Field Gel-Electrophoresis* (PFGE), *Multi-locus sequence typing*, digestione enzimatica, clonaggi, purificazione proteica, saggi di attività enzimatici su β -lattamasi e cinetiche enzimatiche.

Competenze informatiche

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

ECDL

Patente di guida Patente di guida categoria B

- PE-68.** Rapid screening for SARS-CoV-2 VOC Alpha (202012/01, B.1.1.7) using the Allplex™ SARS-CoV-2 / FluA / FluB / RSV Assay. **Giovacchini N, Coppi M, Aiezza N, Baccani I, Malentacchi F, Pollini S, Antonelli A, Rossolini GM. *Int J Infect Dis.* 2021 Oct 7;S1201-9712(21)00792-X.**
- PE-67.** Effects of common Gram-negative pathogens causing male genitourinary-tract infections on human sperm functions. Marchiani S, Baccani I, Tamburrino L, Mattiuz G, Nicolò S, Bonaiuto C, Panico C, Vignozzi L, **Antonelli A**, Rossolini GM, Torcia M, Baldi E. *Sci Rep.* 2021 Sep 28;11(1):19177.
- PE-66.** Strongyloidiasis in Children Outside the Tropics: Do We Need to Increase Awareness? **Venturini E, Fusani L, Mantella A, Bianchi L, Antonelli A, Montagnani C, Chiappini E, Spinicci M, Bartoloni A, Rossolini GM, Zammarchi L, Galli L. *Microorganisms.* 2021 Sep 8;9(9):1905.**
- PE-65.** Evaluation of extraction-free RT-PCR methods for faster and cheaper detection of SARS-CoV-2 using two commercial systems. **Morecchiato F, Coppi M, Baccani I, Maggini N, Ciccone N, Antonelli A, Rossolini GM. *Int J Infect Dis.* 2021 Sep 23;112:264-268.**
- PE-64.** Vaginal Lactobacilli and Vaginal Dysbiosis-Associated Bacteria Differently Affect Cervical Epithelial and Immune Homeostasis and Anti-Viral Defenses. **Nicolò S, Tanturli M, Mattiuz G, Antonelli A, Baccani I, Bonaiuto C, Baldi S, Nannini G, Menicatti M, Bartolucci G, Rossolini GM, Amedei A, Torcia MG. *Int J Mol Sci.* 2021 Jun 17;22(12):6487.**
- PE-63.** Evaluation of Three Immunoassays for the Rapid Detection of SARS-CoV-2 antigens. **Baccani I, Morecchiato F, Chilleri C, Cervini C, Gori E, Matarrese D, Bassetti A, Bonizzoli M, Mencarini J, Antonelli A, Rossolini GM. *Diagn Microbiol Infect Dis.* 2021 Oct;101(2):115434.**
- PE-62.** Epidemiology and clinical features of intestinal protozoan infections detected by Real-time PCR in non-native children within an Italian tertiary care children's hospital: A cross-sectional study. **Venturini E, Scarso S, Prelazzi GA, Niccolai C, Bianchi L, Montagnani C, Lapini M, Chiappini E, Antonelli A, Rossolini GM, Galli L. *Travel Med Infect Dis.* 2021 Sep-Oct;43:102107.**
- PE-61.** Detection of *poxA2*, a Presumptive *poxA* Ancestor, in a Plasmid from a Linezolid-Resistant *Enterococcus gallinarum* Isolate. **Baccani I, Antonelli A, Di Pilato V, Coppi M, Di Maggio T, Spinicci M, Villagran AL, Revollo C, Bartoloni A, Rossolini GM. *Antimicrob Agents Chemother.* 2021 Jul 16;65(8):e0069521.**
- PE-60.** Strongyloidiasis in the COVID era: a warning for an implementation of the screening protocol. **Vellere I, Graziani L, Tili M, Mantella A, Campolmi I, Mencarini J, Borch B, Spinicci M, Antonelli A, Rossolini GM, Bartoloni A, Zammarchi L. *Infection.* 2021 Oct;49(5):1065-1067.**
- PE-59.** Phage Resistance Is Associated with Decreased Virulence in KPC-Producing *Klebsiella pneumoniae* of the Clonal Group 258 Clade II Lineage. **Henrici De Angelis L, Poerio N, Di Pilato V, De Santis F, Antonelli A, Thaller MC, Fraziano M, Rossolini GM, D'Andrea MM. *Microorganisms.* 2021 Apr 6;9(4):762.**
- PE-58.** Reply: COVID-19: semen impairment may not be related to the virus. **Gacci M, Coppi M, Baldi E, Sebastianelli A, Zaccaro C, Morselli S, Pecoraro A, Manera A, Nicoletti R, Liaci A, Bisegna C, Gemma L, Giancane S, Pollini S, Antonelli A, Lagi F, Marchiani S, Dabizzi S, Nicolò S, Torcia M, Degl'innocenti S, Annunziato F, Maggi M, Vignozzi L, Bartoloni A, Rossolini GM, Serni S. *Hum Reprod.* 2021 Jun 18;36(7):2065-2066.**
- PE-57.** Semen impairment and occurrence of SARS-CoV-2 virus in semen after recovery from COVID-19. **Gacci M, Coppi M, Baldi E, Sebastianelli A, Zaccaro C, Morselli S, Pecoraro A, Manera A, Nicoletti R, Liaci A, Bisegna C, Gemma L, Giancane S, Pollini S, Antonelli A, Lagi F, Marchiani S, Dabizzi S, Degl'innocenti S, Annunziato F, Maggi M, Vignozzi L, Bartoloni A, Rossolini GM, Serni S. *Hum Reprod.* 2021 Feb 1. [Epub ahead of print]**
- PE-56.** Effective antimicrobial combination *in vivo* treatment predicted with microcalorimetry screening. **Kragh KN, Gijón D, Maruri A, Antonelli A, Coppi M, Kolpen M, Crone S, Tellapragada C, Hasan B, Radmer S, de Vogel C, van Wamel W, Verbon A, Giske CG, Rossolini GM, Cantón R, Frimodt-Møller N. *J Antimicrob Chemother.* 2021 Jan 14;dkaa543.**
- PE-55.** Detection of Oxazolidinone Resistance Genes and Characterization of Genetic Environments in Enterococci of Swine Origin, Italy. **Fioriti S, Morroni G, Coccitto SN, Brenciani A, Antonelli A, Di Pilato V, Baccani I, Pollini S, Cucco L, Morelli A, Paniccià M, Magistrali CF, Rossolini GM, Giovanetti E. *Microorganisms.* 2020 Dec 17;8(12):2021.**
- PE-54.** Evaluation of the commercial AD fosfomycin test for susceptibility testing of multidrug-resistant *Enterobacterales* and *Pseudomonas aeruginosa*. **Parasio EM, Camarlinghi G, Coppi M, Niccolai C, Antonelli A, Nardone M, Vettori C, Giani T, Mattei R, Rossolini GM. *Clin Microbiol Infect.* 2020 Dec 5;S1198-743X(20)30725-4.**
- PE-53.** The changing epidemiology of carbapenemase-producing *Klebsiella pneumoniae* in Italy: toward polyclonal evolution with emergence of high-risk lineages. **Di Pilato V, Errico G, Monaco M, Giani T, Del Grosso M, Antonelli A, David S, Lindh E, Camilli R, Aanensen DM, Rossolini GM, Pantosti A, AR-ISS Laboratory Study Group on carbapenemase-producing *Klebsiella pneumoniae*.** *Antimicrob Chemother.* 2021 Jan 19;76(2):355-361.

PE-52. *In Vitro* Alteration by Dentine and Protein of the Antimicrobial Activity of Two Endodontic Irrigants: HybenX® and Sodium Hypochlorite. **Pace R, Morecchiato F, Giovannini L, Di Nasso L, Giuliani V, Franceschi D, Pagavino G, Rossolini GM, Antonelli A.** *Antibiotics (Basel)*. 2020 Nov 10;9(11):792.

PE-51. Performance Evaluation of a Commercial Real-Time PCR Assay and of an In-House Real-Time PCR for *Trypanosoma cruzi* DNA Detection in a Tropical Medicine Reference Center, Northern Italy. **Longoni SS, Pomari E, Antonelli A, Formenti F, Silva R, Tais S, Scarso S, Rossolini GM, Angheben A, Perandin F.** *Microorganisms*. 2020 Oct 30;8(11):1692.

PE-50. KPC-53, a KPC-3 Variant of Clinical Origin Associated with Reduced Susceptibility to Ceftazidime-Avibactam. **Di Pilato V, Aiezza N, Viaggi V, Antonelli A, Principe L, Giani T, Luzzaro F, Rossolini GM.** *Antimicrob Agents Chemother*. 2020 Dec 16;65(1):e01429-20.

PE-49. Low risk of serological cross-reactivity between dengue and COVID-19. **Spinicci M, Bartoloni A, Mantella A, Zammarchi L, Rossolini GM, Antonelli A.** *Mem Inst Oswaldo Cruz*. 2020;115:e200225.

PE-48. Isothermal microcalorimetry minimal inhibitory concentration testing in extensively drug resistant Gram-negative bacilli: a multicentre study. **Tellapragada C, Hasan B, Antonelli A, Maruri A, de Vogel C, Gijón D, Coppi M, Verbon A, van Wamel W, Rossolini GM, Cantón R, Giske CG.** *Clin Microbiol Infect*. 2020 Oct;26(10):1413.e1-1413.e7.

PE-47. A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. **Ghirga F, Stefanelli R, Cavinato L, Lo Sciuto A, Corradi S, Quaglio D, Calcaterra A, Casciaro B, Loffredo MR, Cappiello F, Morelli P, Antonelli A, Rossolini GM, Mangoni M, Mancone C, Botta B, Mori M, Ascenzioni F, Imperi F.** *J Antimicrob Chemother*. 2020 Sep 1;75(9):2564-2572.

PE-46. *mcr-1* Gene Expression Modulates the Inflammatory Response of Human Macrophages to *Escherichia coli*. **Mattiuz G, Nicolò S, Antonelli A, Giani T, Baccani I, Cannatelli A, Clemente AM, Castronovo G, Tanturli M, Cozzolino F, Rossolini GM, Torcia MG.** *Infect Immun*. 2020 Jul 21;88(8):e00018-20.

PE-45. Autochthonous Human and Canine *Strongyloides stercoralis* Infection in Europe: Report of a Human Case in An Italian Teen and Systematic Review of the Literature. **Ottino L, Buonfrate D, Paradies P, Bisoffi Z, Antonelli A, Rossolini GM, Gabrielli S, Bartoloni A, Zammarchi L.** *Pathogens*. 2020 Jun 3;9(6):439.

PE-44. Impaired immune cell cytotoxicity in severe COVID-19 is IL-6 dependent. **Mazzoni A, Salvati L, Maggi L, Capone M, Vanni A, Spinicci M, Mencarini J, Caporale R, Peruzzi B, Antonelli A, Trotta M, Zammarchi L, Ciani L, Gori L, Lazzeri C, Matucci A, Vultaggio A, Rossi O, Almerigogna F, Parronchi P, Fontanari P, Lavorini F, Peris A, Rossolini GM, Bartoloni A, Romagnani S, Liotta F, Annunziato F, Cosmi L.** *J Clin Invest*. 2020 Sep 1;130(9):4694-4703.

PE-43. Clinical Features and Outcomes of Bloodstream Infections Caused by New Delhi Metallo- β -Lactamase-Producing *Enterobacterales* During a Regional Outbreak. **Falcone M, Tiseo G, Antonelli A, Giordano C, Di Pilato V, Bertolucci P, Parisio EM, Leonildi A, Aiezza N, Baccani I, Tagliaferri E, Righi L, Forni S, Sani S, Mechi MT, Pieralli F, Barnini S, Rossolini GM, Menichetti F.** *Open Forum Infect Dis*. 2020 Jan 21;7(2):ofaa011.

PE-42. Results of the Italian infection-Carbapenem Resistance Evaluation Surveillance Trial (iCREST-IT): activity of ceftazidime/avibactam against *Enterobacterales* isolated from urine. **Giani T, Antonelli A, Sennati S, Di Pilato V, Chiarelli A, Cannatelli A, Gatsch C, Luzzaro F, Spanu T, Stefani S, Rossolini GM.** *J Antimicrob Chemother*. 2020 Apr 1;75(4):979-983.

PE-41. Population structure of KPC carbapenemase-producing *Klebsiella pneumoniae* in a long-term acute-care rehabilitation facility: identification of a new lineage of clonal group 101, associated with local hyperendemicity. **Arena F, Di Pilato V, Vannetti F, Fabbri L, Antonelli A, Coppi M, Pupillo R, Macchi C and Rossolini GM.** *Microb Genomics*. 2020 Jan. doi: 10.1099/mgen.0.000308.

PE-40. *Staphylococcus aureus* from hospital-acquired pneumonia from an Italian nationwide survey: activity of ceftobiprole and other anti-staphylococcal agents, and molecular epidemiology of methicillin-resistant isolates. **Antonelli A, Giani T, Coppi M, Di Pilato V, Arena F, Colavecchio OL, Conte V, Santerre Henriksen A, Rossolini GM; MRSA-HAP Study Group.** *J Antimicrob Chemother*. 2019 Dec 1;74(12):3453-3461.

PE-39. *In Vitro* Antimicrobial Activity of the Decontaminant HybenX® Compared to Chlorhexidine and Sodium Hypochlorite against Common Bacterial and Yeast Pathogens. **Antonelli A, Giovannini L, Baccani I, Giuliani V, Pace R, Rossolini GM.** *Antibiotics (Basel)*. 2019 Oct 17;8(4). pii: E188.

PE-38. Synergistic effect of photodynamic therapy at 400 nm and doxycycline against *Helicobacter pylori*. **Baccani I, Faraoni P, Marini M, Gnerucci A, Orsini B, Pecile P, Romano G, Fusi F, Rossolini GM, Antonelli A.** *Future Microbiol*. 2019 Sep;14:1199-1205.

PE-37. Variable performance of different commercial systems for testing carbapenem susceptibility of KPC carbapenemase-producing *Escherichia coli*. **Antonelli A, Coppi M, Camarlinghi G, Parisio EM, Nardone M, Riccobono L, Giani T, Mattiuz G, Rossolini GM.** *Clin Microbiol Infect*. 2019 Nov;25(11):1432.e1-1432.e4.

PE-36. Characterization of Tn6349, a novel mosaic transposon carrying *poxA*, *cfr* and other resistance determinants, inserted in the chromosome of an ST5-MRSA-II strain of clinical origin. **D'Andrea MM, Antonelli A, Brenciani A, Di Pilato V, Morroni G, Pollini S, Fioriti S, Giovanetti E, Rossolini GM.** *J Antimicrob Chemother.* 2019 Oct 1;74(10):2870-2875.

PE-35. Identification of a Novel Plasmid Lineage Associated With the Dissemination of Metallo- β -Lactamase Genes Among Pseudomonads. **Di Pilato V, Antonelli A, Giani T, Henrici De Angelis L, Rossolini GM and Pollini S.** *Front. Microbiol.* 10:1504.

PE-34. KPC-31 expressed in a ceftazidime/avibactam-resistant *Klebsiella pneumoniae* is associated with relevant detection issues. **Antonelli A, Giani T, Di Pilato V, Riccobono E, Perriello G, Mencacci A, Rossolini GM.** *J Antimicrob Chemother.* 2019 Apr 23. [Ahead of print].

PE-33. Evaluation of the OXA-23 K-SeT[®] immunochromatographic assay for the rapid detection of OXA-23-like carbapenemase-producing *Acinetobacter* spp. **Riccobono E, Bogaerts P, Antonelli A, Evrard S, Giani T, Rossolini GM, Glupczynski Y.** *J Antimicrob Chemother.* 2019 Jan 25; 74(5):1455-7.

PE-32. Detection in Italy of a porcine *Enterococcus faecium* isolate carrying the novel phenicol-oxazolidinone-tetracycline resistance gene *poxA*. **Brenciani A, Fioriti S, Morroni G, Cucco L, Morelli A, Pezzotti G, Panicià M, Antonelli A, Magistrali CF, Rossolini GM, Giovanetti E.** *J Antimicrob Chemother.* 2019 Mar;74(3):817-818.

PE-31. High prevalence of carriage of *mcr-1*-positive enteric bacteria among healthy children from rural communities in the Chaco region, Bolivia, September to October 2016. **Giani T, Sennati S, Antonelli A, Di Pilato V, di Maggio T, Mantella A, Niccolai C, Spinicci M, Monasterio J, Castellanos P, Martinez M, Contreras F, Balderrama Villaroel D, Damiani E, Maury S, Rocabado R, Pallecchi L, Bartoloni A, Rossolini GM.** *Euro Surveill.* 2018 Nov;23(45).

PE-30. Characterization of a multiresistance plasmid carrying the *optrA* and *cfr* resistance genes from an *Enterococcus faecium* clinical isolate. **Morroni G, Brenciani A, Antonelli A, D'Andrea MM, Di Pilato V, Fioriti S, Mingoia M, Vignaroli C, Cirioni O, Biavasco F, Varaldo PE, Rossolini GM, Giovanetti E.** *Front Microbiol.* 2018 Sep 11;9:2189.

PE-29. Discrepancies in fosfomycin susceptibility testing of KPC-producing *Klebsiella pneumoniae* with various commercial methods. **Camarlinghi G, Parisio EM, Antonelli A, Nardone M, Coppi M, Giani T, Mattei R, Rossolini GM.** *Diagn Microbiol Infect Dis.* 2019 Jan;93(1):74-76.

PE-28. Characterization of *poxA*, a novel phenicol-oxazolidinone-tetracycline resistance gene from an MRSA of clinical origin. **Antonelli A, D'Andrea MM, Brenciani A, Galeotti CL, Morroni G, Pollini S, Varaldo PE, Rossolini GM.** *J Antimicrob Chemother.* 2018 Jul 1;73(7):1763-1769.

PE-27. A new selective broth enrichment automated method for detection of carbapenem-resistant *Enterobacteriaceae* from rectal swabs. **Arena F, Giani T, Antonelli A, Colavecchio OL, Pecile P, Viaggi B, Favilli R, Rossolini GM.** *J Microbiol Methods.* 2018 Apr;147:66-68.

PE-26. Regional spread of contact lens-related *Acanthamoeba* keratitis in Italy. **Antonelli A, Favuzza E, Galano A, Montalbano Di Filippo M, Ciccone N, Berrilli F, Mencucci R, Di Cave D, Rossolini GM.** *New Microbiol.* 2018 Jan;41(1):83-85.

PE-25. Evaluation of the KPC K-SeT[®] immunochromatographic assay for the rapid detection of KPC carbapenemase producers from positive blood cultures. **Riccobono E, Antonelli A, Pecile P, Bogaerts P, D'Andrea MM, Rossolini GM.** *J Antimicrob Chemother.* 2018; 73(2):539-540.

PE-24. Linezolid-Resistant *Enterococcus faecalis* Infection Following Prolonged Low-Dosage Linezolid Treatment for Multidrug-Resistant Tuberculosis. **Baccani I, Antonelli A, Galano A, Bartalesi F, Bartoloni A, Rossolini GM.** *Clin Infect Dis.* 2017; 65(12):2159-2160.

PE-23. A simple phenotypic method for screening of MCR-1-mediated colistin resistance. **Coppi M, Cannatelli A, Antonelli A, Baccani I, Di Pilato V, Sennati S, Giani T, Rossolini GM.** *Clin Microbiol Infect.* 2017 Aug 19. pii: S1198-743X(17)30457-3.

PE-22. Evolving β -lactamase epidemiology in *Enterobacteriaceae* from Italian nationwide surveillance: KPC-carbapenemase spreading among outpatients. **Giani T, Antonelli A, Caltagirone MS, Mauri C, Nicchi J, Arena F, Nucleo E, Bracco S, Pantosti A, The AMCLI-CoSA Survey Participants, Luzzaro F, Pagani L, Rossolini GM.** *Eurosurveillance* 2017. 3;22(31). pii: 30583.

PE-21. pHT β -promoted mobilization of non-conjugative resistance plasmids from *Enterococcus faecium* to *Enterococcus faecalis*. **Di Sante L, Morroni G, Brenciani A, Vignaroli C, Antonelli A, D'Andrea MM, Di Cesare A, Giovanetti E, Varaldo PE, Rossolini GM, Biavasco F.** *J Antimicrob Chemother.* 2017 Sep 1;72(9):2447-2453.

PE-20. Differential Th17 response induced by the two clades of the pandemic ST258 *Klebsiella pneumoniae* clonal lineages producing KPC-type carbapenemase. **Clemente AM, Castronovo G, Antonelli A, D'Andrea MM, Tanturli M, Perissi E, Paccosi S, Parenti A, Cozzolino F, Rossolini GM, Torcia MG. *PLoS One.* 2017 Jun 6;12(6):e0178847.**

PE-19. Multicenter evaluation of the RAPIDEC® CARBA NP test for rapid screening of carbapenemase-producing *Enterobacteriaceae* and Gram-negative nonfermenters from clinical specimens. **Coppi M, Antonelli A, Giani T, Spanu T, Liotti FM, Fontana C, Mirandola W, Gargiulo R, Barozzi A, Mauri C, Principe L, Rossolini GM. *Diagnostic Microbiology and Infectious Diseases* 2017; 88(3):207-213.**

PE-18. Atypical Hand, foot and mouth disease due to Coxsackievirus A6 in a traveller returning from Indonesia to Italy. **Magnelli D, Zammarchi L, Antonelli A, Martelli F, Rossolini GM, Bartoloni A. *Journal of Travel Medicine* 2017; 24(5).**

PE-17. Effects of photodynamic laser and violet-blue led irradiation on *Staphylococcus aureus* biofilm and *Escherichia coli* lipopolysaccharide attached to moderately rough titanium surface: in vitro study. **Giannelli M, Landini G, Materassi F, Chellini F, Antonelli A, Tani A, Nosi D, Zecchi-Orlandini S, Rossolini GM, Bani D. *Lasers Med Sci.* 2017 May;32(4):857-864.**

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PE-14. The effects of diode laser on *Staphylococcus aureus* biofilm and *Escherichia coli* lipopolysaccharide adherent to titanium oxide surface of dental implants. An in vitro study. **Giannelli M, Landini G, Materassi F, Chellini F, Antonelli A, Tani A, Zecchi-Orlandini S, Rossolini GM, Bani D. *Lasers Med Sci.* 2016 Jul 30; 31(8):1613-1619.**

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PE-12. Performance of the BD MAX™ instrument with Check-Direct CPE real-time PCR for the detection of carbapenemase genes from rectal swabs, in a setting with endemic dissemination of carbapenemase-producing *Enterobacteriaceae*. **Antonelli A, Arena F, Giani T, Colavecchio OL, Valeva SV, Paule S, Boleij P, Rossolini GM. *Diagn Microbiol Infect Dis.* 2016 Jun 7. pii: S0732-8893(16)30162-6.**

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PE-7. *Lactobacillus* Sepsis and Probiotic Therapy in Newborns: Two New Cases and Literature Review. **Dani C, Coviello C, Corsini I, Arena F, Antonelli A, Rossolini GM. *American Journal of Perinatology Reports* 2016 March;6(1):e25-9.**

PE-6. Newborn bacteraemia caused by an *Aeromonas caviae* producing the VIM-1 and SHV-12 β -lactamases, encoded by a transferable plasmid. **Antonelli A, D'Andrea M M, Montagnani C, Bartolesi A M, Di Pilato V, Fiorini P, Torricelli F, Galli L, Rossolini G M. *Journal of Antimicrobial Chemotherapy* 2016 Jan;71(1):272-4.**

PE-5. Characterization of a novel putative Xer-dependent integrative mobile element carrying the *bla_{NMC-A}* carbapenemase gene, inserted into the chromosome of members of the *Enterobacter cloacae* complex. **Antonelli A, D'Andrea M M, Di Pilato V, Viaggi B, Torricelli F and Rossolini G M. *Antimicrobial Agents and Chemotherapy.* Posted online 27 July 2015; 59(10):6620-4.**

- PE-4.** OXA-372, a novel carbapenem-hydrolysing class D β -lactamase from a *Citrobacter freundii* isolated from a hospital wastewater plant. **Antonelli A, D'Andrea M M, Vaggelli G, Docquier J-D, Rossolini G M.** *Journal of Antimicrobial Chemotherapy* 2015 Oct;70(10):2749-56.
- PE-3.** Breakthrough *Lactobacillus rhamnosus* GG bacteremia associated with probiotic use in an adult patient with severe active ulcerative colitis: case report and review of the literature. **Meini S, Laureano R, Fani L, Tascini C, Galano A, Antonelli A, Rossolini G M.** *Infection* 2015; 43(6):777-81.
- PE-2.** Intestinal carriage of *Shewanella xiamenensis* simulating carriage of OXA-48–producing *Enterobacteriaceae*. **Antonelli A, Di Palo D M, Galano A, Becciani S, Montagnani C, Pecile P, Galli L, Rossolini G M.** *Diagnostic Microbiology and Infectious Diseases* Feb 2015; 82(1):1-3.
- PE-1.** Acquisition of plasmid-borne *bla*_{IMP-19} gene by a VIM-1-positive *Pseudomonas aeruginosa* of the Sequence Type 235 epidemic lineage. **Pollini S, Antonelli A, Venturelli C, Maradei S, Veggetti A, Bracco S, Rumpianesi F, Luzzaro F, Rossolini G M.** *Journal of Antimicrobial Chemotherapy* 2013 Mar; 68(3):722-4.

54 comunicazioni a congressi Nazionali e Internazionali con 4 presentazioni orali personalmente presentate.

CP-54. Evaluation of two extraction-free SARS-CoV-2 detection systems. **Morecchiato F, Coppi M, Baccani I, Maggini N, Ciccone N, Antonelli A, Rossolini GM.** 49th National Congress of the Italian Society of Microbiology September 2021. Poster 132.

CP-53. Evaluation of a SARS-CoV-2 neutralizing antibodies test with a commercial platform. **Chilleri C, Kiros ST, Rocca A, Antonelli A, Colao MG, Rossolini GM.** 49th National Congress of the Italian Society of Microbiology September 2021. Poster.

CP-52. Performance evaluation of an automated chemiluminescence immunoassay for detection of IgM and IgG of SARS-CoV-2. **Chilleri C, Aiezza N, Baccani I, Lucarelli I, Antonelli A, Colao MG, Rossolini GM.** 49th National Congress of the Italian Society of Microbiology September 2021. Poster.

CP-51. Activity of ceftolozane-tazobactam and comparators against a nationwide collection of extended-spectrum cephalosporin-resistant *Enterobacterales*. **Antonelli A, Giani T, Conte V, Coppi M, Di Pilato V, Rossolini GM.** 49th National Congress of the Italian Society of Microbiology September 2021. Poster 120.

CP-50. Evaluation of FAST-Prep™ PBC: an automated and rapid system for isolating microbial cells from positive blood culture. **Bonaiuto C, Baccani I, Chilleri C, Antonelli A, Giani T, Rossolini GM.** ECCMID 2021. 9-12 July 2021. Poster 3552.

CP-49. Clinical validation of the FluoroType Mycobacteria assay for the rapid detection and identification of tubercular and non tubercular mycobacteria. **Niccolai C, Bartolesi AM, Corti F, Marcelli F, Andreini A, Mannino R, Antonelli A, Tortoli E, Rossolini GM.** ECCMID 2021. 9-12 July 2021. Poster 4500.

CP-48. Activity of cefepime-taniborbactam (formerly cefepime-VNRX-5133 and comparators against NDM-producing *Enterobacterales* from a regional outbreak. **Niccolai C, Antonelli A, Benvenuti F, Zenoni A, Aiezza N, Baccani I, Parisio EM, Camarlinghi G, Giani T, Rossolini GM.** ECCMID 2021. 9-12 July 2021. Poster 3578.

CP-47. Hookworm infection presenting as recurrent severe anemia requiring blood. **Barbarisi G, Piccola M, Zavagli M, Bandini G, Di Lauria N, Antonelli A, Spinicci M, Rossolini GM, Bartoloni A, Moggi Pignone A, Zammarchi L.** ECCMID 2021. 9-12 July 2021. Poster 01993.

CP-46. Autochthonous human and canine *Strongyloides stercoralis* infection in Europe: a systematic review. **Ottino L, Buonfrate D, Paradies P, Bisoffi Z, Antonelli A, Rossolini GM, Gabrielli S, Bartoloni A, Zammarchi L.** ECCMID 2020. Paris, France, April 2020. Poster 3839.

CP-45. Retrospective analysis of intravenous fosfomycin use at Florence University Hospital, Italy: clinical and microbiological analysis. **Di Lauria N, Mantengoli E, Aiezza N, Antonelli A, Bresci S, Giani T, Lagi F, Kaye K, Patel P, Rossolini GM, Bartoloni A.** ECCMID 2020. Paris, France, April 2020. Poster 5826.

CP-44. Activity of cefiderocol and comparator antibiotics on an Italian multi-centre collection of carbapenem-resistant Gram-negative clinical isolates. **Coppi M, Antonelli A, Cervini C, Mosconi L, Riccobono E, Baldi G, Luzzaro F, Lopizzo T, Spanu T, Giani T, Rossolini GM.** ECCMID 2020. Paris, France, April 2020. Poster 6753.

CP-43. Large diffusion of OptrA- and PoxTA-producing linezolid-resistant *Enterococcus* spp. among healthy children from rural communities of the Bolivian Chaco. **Baccani I, Antonelli A, Tortorella M, Di Maggio T, Spinicci M, Strohmeyer M, Mariotti F, Gamboa Barahona H, Rojo Mayaregua D, Poma V, Pallecchi L, Bartoloni A, Rossolini GM.** ECCMID 2020. Paris, France, April 2020. Poster 7269.

CP-42. Mechanism of ceftazidime-avibactam resistance in carbapenem-resistant *Escherichia coli* isolated in the Arabian Peninsula. **Sonnevend A, Ghazawi A, Di Pilato V, Antonelli A, Rossolini GM, Pal T.** ECCMID 2020. Paris, France, April 2020. Poster 5145.

CP-41. A novel KPC-3 variant associated with CAZ/AVI resistance in an *Klebsiella pneumoniae* ST512 causing bacteraemia. **Knezevich A, Coppi M, Antonelli A, Di Pilato V, Giani T, Di Bella S, Maurel C, Zatta M, Fossati S, Bortolin M, Piccoli E, Luzzati R, Rossolini GM, Busetti M.** ECCMID 2020. Paris, France, April 2020. Poster 4607.

CP-40. Effective antimicrobial combination testing: linking rapid microcalorimetry screening to *in vivo* efficacy. **Kragh K, Gijón D, Maruri A, Antonelli A, Coppi M, Kolpen M, Crone S, Tellapragada C, Hasan B, De Vogel C, Van Wamel W, Verbon A, Giske C, Rossolini GM, Canton Moreno R, Frimodt-Moller N.** ECCMID 2020. Paris, France, April 2020. Poster 2220.

CP-39. Ceftolozane/tazobactam-resistant *Pseudomonas aeruginosa* isolates in a teaching hospital in central Italy. **Gianluca M, Brescini L, Brenciani A, Antonelli A, Di Pilato V, Castelletti S, Fioriti S, Giani T, Rossolini GM, Giacometti A, Cirioni O.** ECCMID 2020. Paris, France, April 2020. Poster 2575.

CP-38. Evaluation of the FluoroType mycobacteria assay for the detection and differentiation of clinically relevant mycobacteria. **Niccolai C, Bartolesi A, Marcelli F, Andreini A, Mannino R, Antonelli A, Tortoli E, Rossolini GM.** ECCMID 2020. Paris, France, April 2020. Poster 7916.

CP-37. Activity of cefepime/VNRX-5133 and comparators against an Italian nationwide collection of *Pseudomonas aeruginosa* from respiratory and bloodstream infections. **Antonelli A, Giani T, Coppi M, Riccobono E, Baldi G, Di Pilato V, Xerri L, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-36. Delafloxacin tentative ECOFF values for common Gram-positive and Gram-negative bacteria. **Menchinelli G, Antonelli A, Curtioni A, Giordano A, Marzia Liotti F, Mosconi L, Principe L, Nuti A, Sanguinetti M, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-35. The changing epidemiology of carbapenemase-producing *Klebsiella pneumoniae* from invasive infections in Italy: emergence of new high-risk clones. **Errico G, Di Pilato V, Monaco M, Giani T, Del Grosso M, Antonelli A, David S, Lindh E, Camilli R, Pantosti A, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-34. Isothermal microcalorimetry can accurately predict MIC-values in multidrug-resistant *Escherichia coli* and *Klebsiella pneumoniae*. **Tellapragada C, Hasan B, Antonelli A, Maruri A, De Vogel C, Gijón D, Coppi M, Verbon A, Van Wamel W, Rossolini GM, Canton Moreno R, Giske C.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-33. Activity of cefepime/VNRX-5133 and comparators against an Italian nationwide collection of *Pseudomonas aeruginosa* from respiratory and bloodstream infections. **Antonelli A, Giani T, Coppi M, Riccobono Baldi E, Di Pilato V, Xerri L, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-32. Activity of cefiderocol on a reference collection of carbapenemase-, ESBL-, and acquired class C beta-lactamases-producing Gram-negative pathogens. **Coppi M, Antonelli A, Baglio G, Giani T, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-31. Activity of dalbavancin and comparators against Gram-positive pathogens from Europe and Russia: May 2017 - March 2018. **Riccobono E, Giani T, Baldi G, Arcangeli S, Antonelli A, Rossolini GM.** ECCMID 2019. Amsterdam, The Netherlands, April 2019. Poster.

CP-30. First case of infection by *Oceanobacillus* spp. isolated from a cardiac valve from a patient with severe aortic insufficiency. **Parisio EM, Camarlinghi G, Antonelli A, Coppi M, Venturini E, Vettori C, Nardone M, Rossolini GM, Mattei R.** XLVII National Congress AMCLI, Rimini, Italy; November 2018. Poster.

CP-29. Tn6349: a novel *cfr*- and *poxA*-carrying transposon of enterococcal origin in a linezolid-resistant MRSA. **Antonelli A, D'Andrea MM, Brenciani A, Morroni G, Di Pilato V, Pollini S, Fioriti S, Giovanetti E, Rossolini GM.** 46th National Congress of the Italian Society of Microbiology September 2018, Palermo. Poster.

CP-28. Activity of ceftobiprole and comparators against a collection of teicoplanin- and/or linezolid-resistant coagulase-negative staphylococci isolated from bloodstream infections. **Coppi M, Antonelli A, Baldi G, Mosconi L, Santerre Henriksen A, Arena F, Giani F, Rossolini GM.** ECCMID April 2018, Madrid.

CP-27. Evaluation of PDT efficacy with uniform irradiation on *Helicobacter pylori*. **Baccani I, Antonelli A, Marini M, Gnerucci A, Faraoni P, Orsini B, Pecile P, Romano G, and Rossolini GM.** European Society for Photobiology, September 2017 Pisa, Italy. Poster.

CP-26. Evaluation of the different methodics for fosfomycin MIC determination compared to reference agar dilution method in KPC-producing *Klebsiella pneumoniae* isolates. **Camarlinghi G, Parisio EM, Antonelli A, Nardone M, Coppi M, Giani T, Mattei R, Rossolini GM.** XLVI National Congress AMCLI, Rimini, Italy; November 2017. Poster.

Congress of the Italian Society of Microbiology. 2016, Pisa. Poster.

CP-25. Evaluation of the Microscan commercial panels (Beckman Coulter) for the evaluation of colistin susceptibility in enterobacteria and *Acinetobacter baumannii*. **Riccobono E, Cannatelli A, Sennati S, Antonelli A, Pecile P, Rossolini GM.** XLVI National Congress AMCLI, Rimini, Italy; November 2017. Poster.

CP-24. In vitro activity of ceftazidime-avibactam against carbapenemase-producing *Enterobacteriaceae* from urine specimens, Italy. **Sennati S, Antonelli A, Chiarelli A, Cannatelli A, Gatsch C, Luzzaro F, Stefani S, Spanu T, Giani T, Rossolini GM.** 45th National Congress of the Italian Society of Microbiology September 2017, Genova. Poster.

CP-23. Genetic linkage of *optrA* and *cfr*, integrated into an unconventional circularisable structure, in *Enterococcus faecium*. **Brenciani A, Morroni G, Antonelli A, D'Andrea MM, Henrici De Angelis L, Di Pilato V, Simoni S, Mingoia M, Rossolini GM, Giovanetti E.** 45th National Congress of the Italian Society of Microbiology September 2017, Genova. Poster.

CP-22. Activity of ceftobiprole and comparators against hospital-acquired pneumonia pathogens from Italy, January-May 2016. **Giani T, Antonelli A, Coppi M, Colavecchio OL, Conte V, Henriksen AS, Rossolini GM.** ECCMID April 2017 Vienna. Poster.

CP-21. Integration between WASP System (COPAN) and ELITE InGenius System (ELITech Group): a feasible perspective for a full automation in clinical microbiology. **Riccobono E, Antonelli A, Enrietto M, Coppi M, Stefanuto G, Patanè S, Galluzzo M, Pecile P, Rossolini GM.** ECCMID April 2017 Vienna. Poster.

CP-20. First detection of the plasmid mediated IMI-2 carbapenemase. **Antonelli A, Henrici De Angelis L, Modi C, Di Pilato V, D'Andrea MM, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Oral communication.*

CP-19. Molecular characterization of the *mcr-1*-carrying plasmids isolated in Italy. **Giani T, Di Pilato V, Cannatelli A, Antonelli A, Luzzaro F, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Oral communication.

CP-18. Multicentric evaluation of RAPIDEC® CARBA NP test for the rapid screening of carbapenemase-producing *Enterobacteriaceae*, *Pseudomonas aeruginosa* and *Acinetobacter baumannii* isolated from blood culture, urine and other materials. **Coppi M, Antonelli A, Giani T, Spanu T, Fontana C, Mirandola W, Gargiulo R, Barozzi A, Mauri C, Luzzaro F, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Poster.

CP-17. First detection of linezolid-resistant *optrA*-positive clinical isolate of *Enterococcus faecalis* in Italy. **Baccani I, Antonelli A, Brenciani A, Morroni G, D'Andrea MM, Henrici De Angelis L, Galano A, Giovanetti E, Varaldo PE, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Poster.

CP-16. Widespread and prolonged dissemination of a successful VIM-1-encoding plasmid among clinical isolates of different *Pseudomonas* species. **Di Pilato V, Pollini S, Antonelli A, Henrici De Angelis L, Giani T, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Poster.

CP-15. Long-lasting persistence of NDM-1-encoding plasmids in multiple enterobacterial species in a pediatric patient. **Henrici De Angelis L, Antonelli A, Montagnani C, Campana S, Palmieri M, Di Pilato V, Dolce D, D'Andrea MM, Galli L, Rossolini GM.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Poster.

CP-14. ST258 *K. pneumoniae* strains belonging to the clade 1 escape inflammasome activation by inflammatory monocytes through the modulation of NF- κ B and p38MAPK-activated pathways. **Castronovo G, Clemente AM, Antonelli A, D'Andrea MM, Tanturli M, Perissi E, Rossolini GM, Torcia MG.** 44th National Congress of the Italian Society of Microbiology. September 2016, Pisa. Poster.

CP-13. Adaptive Immune response induced by a hypervirulent K2 *K. pneumoniae* strain. **Clemente AM, Antonelli A, D'Andrea MM, Castronovo G, Rossolini GM, Torcia MG.** 44th National Congress of the Italian Society of Microbiology. 2016, Pisa. Poster.

- CP-12.** Evaluation of Chromatic™ OXA-48 medium for direct detection of OXA-48 producing Enterobacteriaceae from rectal swabs. Antonelli A, De Angelis LH, Tyrrell J, Walsh T, Vitagliano D, Brocco F, Rossolini GM, D'Andrea M. ECCMID 2016. Amsterdam, The Netherlands, April 2019. Poster.
- CP-11.** Piede di Madura: ruolo della biologia molecolare nella diagnosi di un raro caso autoctono. Mencarini J, Antonelli A, Scoccianti G, Bartolini L, Bartoloni A, Rossolini GM, Capanna R, Bartalesi F. SIMIT November 2015. Poster.
- CP-10.** Carbapenemase production among strains of *Klebsiella pneumoniae* isolated from blood cultures at San Carlo Hospital, Potenza. Lopizzo T, Curci A, Antonelli A, Giani T, Rossolini GM. XLIV National Congress AMCLI, Rimini, Italy; October 2015. Poster.
- CP-09.** Draft whole genome sequencing of a VIM-1 and SHV-12-producing *Aeromonas caviae* causing a newborn bloodstream infection. Antonelli A, D'Andrea MM, Montagnani C, Bartolesi A M, Fiorini P, Galli L, Rossolini GM. 43rd National Congress of the Italian Society of Microbiology. Naples, September 2015. Poster.
- CP-08.** Differential inflammatory response induced by the two clades of the pandemic ST 258 *Klebsiella pneumoniae*. Antonelli A, Clemente AM, D'Andrea MM, Rossolini GM, Torcia MG. 43rd National Congress of the Italian Society of Microbiology. Naples, September 2015. Poster.*
- CP-07.** First report of a NMC-A producing *Enterobacter cloacae* complex in Italy: clues of XerC/XerD-like recombination system involved in chromosomal integration of the carbapenemase gene. Antonelli A, D'Andrea MM, Viaggi B, Pecile P, Rossolini GM. ICETAR 2015: International Conference on the Evolution and Transfer of Antibiotic Resistance, Amsterdam, The Netherlands; June 2015. Poster.
- CP-06.** Isolation and genotyping of *Acanthamoeba* strains from corneal infections in Tuscany and Umbria (Italy). Antonelli A, Galano A, Rossolini G M, Mencucci R, Santoro M, Montalbano Di Filippo M, D'Alfonso R, Berrilli F, Di Cave D. XVI International Meeting on the Biology and Pathogenicity of Free-living Amoebae - May 2015, Alghero Italy. Oral communication.
- CP-05.** Molecular characterization of ESBLs, AmpCs and carbapenemases among *Enterobacteriaceae* from a recent Italian nationwide survey. Antonelli A, Caltagirone M, Mauri C, Nicchi J, Giani T, Arena F, Nucleo E, Bracco S, Luzzaro F, Pagani L, Rossolini GM. 25th European Congress of Clinical Microbiology and Infectious Diseases April 2015 Copenhagen. Oral communication.*
- CP-04.** Evaluation of a new broth-enrichment automated method for rapid detection of intestinal carriage of carbapenemase-producing *Enterobacteriaceae* (CPE). Arena F, Giani T, Di Palo MD, Lillo S, Favilli R, Antonelli A, Colavecchio O, Pecile P, Rossolini GM. 25th European Congress of Clinical Microbiology and Infectious Diseases April 2015 Copenhagen. Poster.
- CP-03.** Amebiasis: towards a molecular approach. Formenti F, Perandin F, Antonelli A, Rossolini GM, Bisoffi Z. XLIII National Congress AMCLI, Rimini, Italy; November 2014. Poster.
- CP-02.** High inflammatory potential and reduced regulatory T cells differentiation of selected KPC-*Klebsiella pneumoniae* (Kp) strains compared to non KPC-producing Kp. Clemente AM, Antonelli A, D'Andrea MM, Rossolini GM, and Torcia MG. 42nd National Congress of the Italian Society of Microbiology. Turin, September 2014. Oral communication.
- CP-01.** OXA-372, a new carbapenem-hydrolyzing class D β -lactamase from a *Citrobacter freundii* isolated from a hospital wastewater plant. Antonelli A, D'Andrea MM, Vaggelli G, Seri G, Docquier JD, Rossolini GM. 12th Beta-Lactamase Meeting, Gran Canaria, Spain; June 2014. Oral communication.*

Comunicazioni orali su invito a congressi nazionali ed internazionali

CI-4. XLVIII Congresso dell'Associazione Microbiologi Clinici Italiani (AMCLI). L'antibiogramma per gli enterococchi: criticità metodologiche e nuovi farmaci. Rimini, 9 Novembre 2019.

CI-3. Congresso dell'Healthcare Ergonomics and Patients Safety (HEPS). Sessione dal titolo: *"Diagnostic Stewardship: The new technological infrastructure of the rapid diagnostic microbiology"*. Lisbona 4 Luglio 2019.

CI-2. Congresso dell'Associazione Microbiologi Clinici Italiani (AMCLI), "La diagnostica molecolare in batteriologia clinica: recenti evoluzioni". Sessione dal titolo: "Diagnostica molecolare per la diagnostica pro-attiva dei patogeni MDR/XDR". Napoli 14 Dicembre 2017.

CI-1. Il conferenza nazionale SIMPIOS. "Pulizia, antisepsi e disinfezione in ambito sanitario". Sessione dal titolo: "L'insorgenza di resistenza". Milano 7 Novembre 2017.

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Attività da Reviewer

PRE-PUBLICATION

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Attività Editoriali

Guest Editor per la rivista *Canadian Journal of Infectious Diseases and Medical Microbiology* dal 17 Dicembre 2018 al 22 Aprile 2018.

Guest Editor per la rivista *Antibiotics* per le Special Issues "Spread of Multidrug-Resistant Microorganisms" (da a Febbraio a Dicembre 2020) e "Updates on Novel Antimicrobials Agents and Strategies against Pathogenic Bacteria, 2nd Edition" (da Luglio 2020 ad oggi).

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