

DANIELA SCRIBANO
Curriculum Vitae

Place Rome
Date 9/07/2024

Part I – General Information

Full Name	Daniela Scribano
E-mail	Daniela.scribano@uniroma1.it ; danielascribano@pec.it
Spoken Languages	Italian, English

Part II – Education

IIA – University Degrees

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2009	Sapienza University of Rome	Degree in Genetics and Molecular Biology (Laurea in Genetica e Biologia Molecolare, 110 e lode/110) Thesis title “Studio dell’operone <i>ospB-phoN2</i> nel meccanismo di patogenicità di <i>Shigella flexneri</i> ” (Supervisor Prof. Mauro Nicoletti)
PhD	2013	University of ROMA TRE	Phd in Biology, Biomolecular and Cellular Science (Biologia, Sezione Scienze Biomolecolari e Cellulari -XXV ciclo) Thesis title “ <i>The role of the ospB-phoN2 operon in the mechanism of pathogenicity of S. flexneri</i> ” (Supervisor Prof. Mauro Nicoletti)

Part II – Education

IIB – Additional training

Post-doctoral training	2019	MDI Biological lab, Salisbury Cove – Maine -US	MDI Biological lab – Intensive Training on “Application of Organoids Technology” 26/05/2019 – 01/06/2019
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Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position	Program/Project
8 November 2021	7 November 2024	Department of Infectious Disease and Public Health (DSPMI). University of Rome “Sapienza”	3 year fix-term researcher MEDS-03/A (Ex MED/07) (Ricercatore a tempo determinato tipologia A-t.pieno, art. 24 c.3-b L. 240/10)	Regione Lazio PO FSE 2014-2020 - Contributi per la permanenza nel mondo accademico delle eccellenze – “Realizzazione di un laboratorio di colture cellulari tridimensionali (organoidi) per la ricerca di strategie terapeutiche innovative che intervengano sulle interazioni microrganismo-ospite agendo su vie

04 July 2018	03 July 2021	Department of Infectious Disease and Public Health (DSPMI). University of Rome "Sapienza"	3 year PostDoc position MEDS-03/A (Ex MED/07) (3 Assegni di Ricerca Annuali rinnovabili tipo B L.240/2010)	molecolari implicate nella patogenesi di malattie infiammatorie acute e croniche." "Identificazione di nuove molecole e/o strategie terapeutiche innovative mirate al superamento dell'antibiotico-resistenza caratteristica dei ceppi batterici causa di infezioni nosocomiali"
20 January 2014	31 January 2018	Dept. Of Medical, Oral and Biotechnological Science (DSMOB) University of "G. d'Annunzio" CHIETI-PESCARA	Post-doctoral fellowship MEDS-03/A (Ex MED/07) (4 borse di formazione post dottorato annuali rinnovabili)	"Rolo del gene <i>phoN2</i> nel meccanismo di patogenicità di <i>Shigella flexneri</i> e nella risposta autofagica."
02 January 2013	31 December 2013	Dept. Of Medical, Oral and Biotechnological Science (DSMOB) University of "G. d'Annunzio" CHIETI-PESCARA	1 year post-graduate position MEDS-03/A (Ex MED/07) (Assegno di ricerca di tipo A L.240/2010)	"Rolo del gene <i>phoN2</i> nel meccanismo di patogenicità di <i>Shigella flexneri</i> "
02 January 2010	01 January 2013	Dept. Of Medical, Oral and Biotechnological Science (DSMOB) University of "G. d'Annunzio" CHIETI-PESCARA	3 years Training fellowship MEDS-03/A (Ex MED/07) (Borse di formazione annuali rinnovabili)	"Rolo dell'operone <i>ospB-phoN2</i> nel meccanismo di patogenicità di <i>Shigella flexneri</i> "

IIIB – Other Appointments

Date	Institution	Position
November 2011	Sapienza University of Rome	National professional abilitation (Abilitazione Nazionale professione Biologi)

Part IVa – Teaching experience

(1CFU=12 hours of lesson, unless otherwise stated)

Year	Institution	Lecture/Course
2022-2024	31836 Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) - Corso di laurea B - ASL Rieti L/SNT2	1047790 MICROBIOLOGIA E MICROBIOLOGIA CLINICA 1CFU MEDS-03/A (Ex MED/07) *1CFU=10 hours – Coordinatrice del corso integrato Basi Fisiopatologiche delle Malattie
2023-2024	32347 Logopedia (abilitante alla professione sanitaria di Logopedista) - ASL Rieti L/SNT2	1034832 MICROBIOLOGIA E MICROBIOLOGIA CLINICA 1CFU MEDS-03/A (Ex MED/07)
2023-2024	32365 Dentistry and Dental Prosthodontics - Odontoiatria e protesi dentaria LM-46	10603975 MICROBIOLOGY AND CLINICAL MICROBIOLOGY I 1CFU MEDS-03/A (Ex MED/07)
2023-	32365 Dentistry and Dental	10603975 MICROBIOLOGY AND CLINICAL

2024	Prosthodontics - Odontoiatria e protesi dentaria LM-46	MICROBIOLOGY II 2CFU MEDS-03/A (Ex MED/07)
2023-2024	30010 Infermieristica (abilitante alla professione sanitaria di Infermiere) - Roma Azienda Ospedaliera Sant'Andrea L/SNT1	1047895 MICROBIOLOGIA GENERALE E CLINICA 1CFU MEDS-03/A (Ex MED/07)
2021-2024	30893 Medicine and surgery (abilitante all'esercizio della professione di Medico Chirurgo) - Medicina e chirurgia "F" LM-41	1038228 MICROBIOLOGY – 3CFU MEDS-03/A (Ex MED/07)
2021-2024	30895 Medicina e chirurgia "C" (abilitante all'esercizio della professione di Medico Chirurgo) - Roma Azienda Policlinico Umberto I LM-41	1026264 BIOLOGIA E GENETICA I – MICROBIOLOGIA 1CFU MEDS-03/A (Ex MED/07) *1CFU=12.5 hours
2019-2024	28614 Nursing - Infermieristica (abilitante alla professione sanitaria di Infermiere) - Roma Azienda Ospedaliera Sant'Andrea L/SNT1	1049379 GENERAL MICROBIOLOGY AND CLINIC 1CFU MEDS-03/A (Ex MED/07)
2021	Corso di formazione per Operatori dell'Agenzia delle Dogane e Monopoli - Milano	“Introduzione alla microbiologia con applicazioni pratiche concernenti la prova BFE sulle mascherine chirurgiche secondo la norma EN 14683”. - Agenzia delle Dogane e Monopoli - 24-25 Giugno 2021 - Via Marco Bruto, 14 - 20138 Milano
2020	Corso di formazione per Operatori dell'Agenzia delle Dogane e Monopoli - Roma	“Introduzione alla microbiologia con applicazioni pratiche concernenti la prova BFE sulle mascherine chirurgiche secondo la norma EN 14683”. - Agenzia delle Dogane e Monopoli - 10,11,21 Dicembre 2020 - via Mario Carucci, 71, Roma (Italia)
2015 - 2024	Attività didattica integrativa nel corso integrato di “Microbiologia”, corso di Laurea in Medicina e Chirurgia canale “A” (abilitante all'esercizio della professione di Medico Chirurgo) - Roma Azienda Policlinico Umberto I LM-41	Attività didattica elettiva (ADE) title “ <i>Shigella</i> , the pathogen evolution” 19-05-2015; “ <i>Shigella</i> Pathogenesis: an example of Manipulation of Host Cell Physiology 25-05-2017; “ <i>Shigella</i> spp.: an old pathogen for new infections 30-05-2023; 30-05-2024
2021 - 2024	Corso di Laurea in Chimica e Tecnologie Farmaceutiche (CTF), facoltà di Farmacia e Medicina, LM-13.	Membro della commissione d'esame nell'ambito dell'insegnamento di “Microbiologia” (SSD MED/07)
2013 - 2024	Corso di Laurea in Medicina e Chirurgia canale “A” (abilitante all'esercizio della professione di Medico Chirurgo) - Roma Azienda Policlinico Umberto I LM-41	Membro della commissione d'esame nell'ambito dell'insegnamento di “Microbiologia modulo Batteriologia” (SSD MED/07)
2019	Dottorato in Malattie Infettive, Microbiologia e Sanità Pubblica dell'Università Sapienza di Roma	Seminar “Organoid technology: the revolution of primary cell cultures” 18-12-2019
2021	Dottorato in Malattie Infettive, Microbiologia e Sanità Pubblica dell'Università Sapienza di Roma, Istituto Superiore di Sanità	Chair for PhD Day, - X Seminario “Science for Democracy-Democracy for Science” 17-05-2021

2022	V cycle Seminars for PhD students organized by the Italian Society of Microbiology	Seminar on Host-Pathogen interactions-“SCALING UP CELL INFECTION MODELS TO ORGANOIDS AND ORGANS”, title “Intestinal organoid modeling for intestinal bacteria competition assay” 12-09-2022
2022-2023	Cellular and Molecular Biology (CMB) PhD School, University of Bologna	Seminar on “Instructions for infection: a study of the competitive scenario between intestinal bacteria using organoids” 7th February 2023
2024	School of Pathology & NHLS Department of Clinical Microbiology and Infectious Diseases (CMID), University of Witwatersrand, Joannesburg, South Africa	Lectures on “Bacterial Pathogenicity and Pathogen-Host Interaction” BHSc Honours Course in Clinical Microbiology and Infectious Diseases 10-11/06/2024

Part IVb – Supervisor and tutoring activity

Year	Institution	Description
2021 to date	Facoltà di Scienze Matematiche, Fisiche e Naturali dell’Università Sapienza di Roma	Supervision and tutoring of undergraduate students: Laurea Triennale in Scienze Biologiche (2 students); Laurea Magistrale in Genetica e Biologia Molecolare (2 students)
2021 to date	Facoltà di Medicina e Farmacia dell’Università Sapienza di Roma	Supervision and tutoring of undergraduate students: Laurea Magistrale in Chimica e Tecnologia Farmaceutiche (2 students)
2023 to date	Dottorato in “ADVANCES IN INFECTIOUS DISEASES, MICROBIOLOGY, LEGAL MEDICINE AND PUBLIC HEALTH SCIENCES”, DSPMI, dell’Università Sapienza di Roma.	Supervision and tutoring of 1 PhD student (XXXVIII cycle)

Part IVc Science outreach (attività di terza missione)

2018 – to date	Fondazione DANIDIGIO’	“Ricerca di base per la lotta all’antibiotico resistenza” attività divulgativa promossa dalla Fondazione
2019	Istituto Pasteur Italia, Fondazione Cenci Bolognetti Foundation	“Superbatteri, Capirli per combatterli” Dicembre 2019
2023	Istituto Pasteur Italia, Fondazione Cenci Bolognetti Foundation	Aperitivo scientifico Istituto Pasteur Roma “Anisakis cos’è? crudi di mare da gustare consapevolmente” Stefano D’Amelio, Daniela Scribano , Serena Cavallero - 24 Maggio 2023

Part Va - Society memberships,

Year	Title
2009 – to date	Member of the Italian Society of Microbiology (SIM)

Part Vb Awards and Honors

Year	Title
2018	FEMS Conference travel grant 2018, best abstract for the 46° Congresso nazionale della Società Italiana di Microbiologia (SIM), Palermo, Italia. C. Ambrosi, L. Perruzza, E. Rottoli, F. Strati, M. Sarshar, A.T. Palamara, C. Zagaglia, F. Grassi, M. Nicoletti and D. Scribano “Apyrase, the <i>Shigella flexneri</i> virulence factor downregulates caspases activity through the degradation of intracellular ATP.”
2019	“MARIO CAMPA” grant, 1 st position for the best oral presentation, Bacteriology section, 47° Congresso nazionale della Società Italiana di Microbiologia (SIM), Roma, Italia. Scribano D. , Marzano V., Levi Mortera S., Sarshar M., Vernocchi P., Zagaglia C., Putignani L., Palamara A.T., Ambrosi C. “Insights into the periplasmic proteins of <i>Acinetobacter baumannii</i> AB5075 and the impact of imipenem exposure: a proteomic approach.”
2022	2 nd position for the best oral presentation, Host-pathogen Interaction section - 50° Congresso nazionale della Società Italiana di Microbiologia (SIM), Napoli, Italia. Perruzza L, Sarshar M, Strati F, Vitiello L, Zagaglia C, Grassi F, Nicoletti M, Palamara AT, Ambrosi C and Scribano D. “The <i>Shigella flexneri</i> virulence factor apyrase is released inside eukaryotic cells to manipulate host cell fate”.

Part Vc Reviewing and editing activities

Year	Title
2010 – to date	Reviewing activity for: Infection and drug resistance, International Journal of Molecular Science, Annals of Clinical Microbiology and Antimicrobials, BMC, Antibiotics, Microbial biotechnology, Molecules, Heliyon, Microbial pathogenesis, Frontiers in Immunology, PLOS One; IScience.
2020 – to date	Reviewer board member of the Journal "Antibiotics" (Q2 in Medical Microbiology and Microbiology) MDPI, Basilea, Svizzera. https://www.mdpi.com/journal/antibiotics/submission_reviewers
2020 – to date	Reviewer board member of the Journal "Microorganisms" (Q2 in Medical Microbiology and Microbiology) MDPI, Basilea, Svizzera. https://www.mdpi.com/journal/microorganisms
2021 – to date	Reviewer board member of the Journal “Annals of Clinical Microbiology and Antimicrobials” (Q2 in Medical Microbiology and Infectious diseases) BMC Springer Nature https://ann-clinmicrob.biomedcentral.com/
2021 - 2022	Co-guest editor of the Special Issue "Understanding Host-Microbe Interactions: Conflict or Harmony?" nella rivista International Journal of Environmental Research and Public Health (IJERPH), MDPI Basilea, Svizzera. https://www.mdpi.com/journal/ijerph/special_issues/HostMicrobe_Interactions
2021 - 2022	Co-topic editor of the research topic “Current Perspectives on <i>Pseudomonas aeruginosa</i> : epidemiology, virulence and contemporary strategies to combat multidrug-resistant (MDR) pathogens” in Frontiers in Microbiology (Q1 in Medical Microbiology and Microbiology) https://www.frontiersin.org/research-topics/25264/current-perspectives-on-pseudomonas-aeruginosa-epidemiology-virulence-and-contemporary-strategies-to
2022 - 2023	Co-guest editor of the Special Issue "Resistance Matters: Current Issues and Future Strategies to Combat Multidrug-Resistant Bugs" in Microorganisms (Q2 in Medical Microbiology and Microbiology) https://www.mdpi.com/journal/microorganisms/special_issues/resistance_matters

Part VIa - Funding Information [grants as PI-principal investigator]

Year	Title	Program	Grant value
2022 – to date	“Taking it personally: identification of human-derived commensal <i>Escherichia coli</i> as beneficial probiotics targeted for inflammatory bowel diseases.”	Bando Sapienza SEED PNR 2021	10.000,00 Euro
2022 – to date	“Disarming <i>Acinetobacter baumannii</i> : an organoid based approach to evaluate its virulence factors”	Sapienza Progetto Ateneo 2022	3.000,00 Euro

Part VIIb – Scientific responsible

2023 – to date	“Study of the impact of commensal and pathogenic <i>Escherichia coli</i> strains on the healthy or diseased status of the intestinal epithelium: development of anti-virulence strategies and disease-targeted probiotic formulations” (App N° 7231 September 9 2023 Prot. 0700/2023)	Ethical Committee of the University hospital Policlinico “Umberto I” of Rome
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Part VIc Participation in research projects (I-investigator)

Year	Title	Program	Publications
2011 – 2013	"Role of <i>Stenotrophomonas maltophilia</i> in cystic fibrosis: a molecular approach for the characterization of virulence factors and their effect on the immune response." Unit Responsible Prof. Casalino.	Ente finanziatore MIUR, protocollo numero PRIN 2009KJ9SRT_003	
2011 – 2013	"Study of <i>ospB-phoN2</i> operon in the pathogenetic mechanism of <i>Shigella flexneri</i> : characterization of the role of OspB effector in the innate immune response and PhoN2 in the IcsA polar localization." Unit Responsible Prof. Nicoletti.	Ente finanziatore MIUR, protocollo numero PRIN: 2009KJ9SRT_002	N° 37
2013 - 2015	"Interaction models between microorganisms and host in mucosal infections to develop innovative therapeutic strategies." Unit Responsible Prof. Nicoletti.	Ente finanziatore MIUR, protocollo numero PRIN 2012WJSX8K_006	N° 35, 36
2015 - 2016	“Rischio di insorgenza di PML in soggetti affetti da sclerosi multipla trattati con natalizumab: identificazione di riarrangiamenti funzionali della regione di controllo della trascrizione del virus JC e studio dell’espressione genica virale in differenti clusters linfocitari ed in colture cellulari”. Scientific coordinator: Prof. Pietropaolo.	Ente finanziatore: Sapienza bandi per la ricerca di Ateneo 2014	N° 34
2016 - 2017	“In vitro Polyomavirus DNA replication-driven recombination events: non-coding control region rearrangements as viral markers for an early PML diagnosis? Scientific Responsible: Prof. Pietropaolo.	Ente finanziatore: Sapienza bandi per la ricerca di Ateneo 2015.	N° 33
2016 - 2017	"Ruolo dei ceppi di <i>Escherichia coli</i> produttori di colibactina nell’insorgenza del polipo e del cancro del colon-retto" Scientific coordinator: Prof.	Ente finanziatore: Sapienza bandi per la ricerca di Ateneo 2015,	N° 27

	Pronio.	numero protocollo: C26A15EY8F	
January 2018- Dicembre 2018	“Scientific assessment of mechanical and physical effects of D-mannose for the prevention of urinary tract infections (UTIs).” Scientific coordinator: Prof. Palamara	S.I.I.T. S.r.l. Pharmaceutical & Health Food Supplements Contract Manufacturing.	N° 18
2018- 2019	“Development of in vitro model for the human Polyomavirus JC replication: analysis of rearrangements within NCCR structural organization during infection”. Scientific coordinator: Prof. Pietropaolo.	Ente finanziatore: Sapienza bandi per la ricerca di Ateneo 2017, numero protocollo RP11715C210E7374	N° 24, 26
2018- 2019	“Proteomic approach to identify periplasmic protein(s) associated with carbapenem resistance in the <i>Acinetobacter baumannii</i> model strain AB5075” Scientific coordinator: Prof. Zagaglia.	Ente Finanziatore: Sapienza bandi per la ricerca di Ateneo 2017, numero protocollo: RP11715C7DA6918A.	N° 21
2018 - 2021	"Nuovi antimicrobici ottenuti da composti di origine naturale", Unit Responsible: Prof. Palamara.	Progetto di ricerca industriale e sviluppo sperimentale nelle 12 Aree di specializzazione individuate dal Progetto di Ricerca PNR 2015- 2020 NAOCON (ARS01_00597) MIUR	N° 14, 19
2019 – to date	“Analisi del Biofilm e Resistenza Antibiotica in pazienti Neurolesi” nel Piano Nazionale della Ricerca Militare (PNRM) denominato ABRAN. Scientific coordinators: Prof. Palamara – Prof. Nencioni	Ente finanziatore: Ministero della Difesa	
2019 – to date	"Analisi Genomica Resistoma Infezioni Nosocomiali dei Teatri Operativi" nel Piano Nazionale della Ricerca Militare (PNRM) denominato AGRINTO, Scientific coordinators: Prof. Palamara – Prof. Nencioni	Ente finanziatore: Ministero della Difesa	N° 9
2020 - 2021	"Deciphering host-parasite interactions using an in vitro system with Caco-2 cells and Anisakis exosomal microRNAs." Scientific Responsible: Dr. Cavallero.	Sapienza bandi per la ricerca di Ateneo 2019 numero protocollo RP11916B69CBB411	N° 6
2020 - 2023	“Fecal microRNAs potential biomarkers of pediatric celiac disease and study of phenotypic and genotypic characteristics of <i>Escherichia coli</i> for disease classification.” Scientific coordinator: Dr. Sarshar	Ente finanziatore: Ministero della Salute, bando ricerca finalizzata 2018, protocollo numero SG-2018-12365432	N° 16
2021 - 2022	“Imipenem resistance in <i>Acinetobacter baumannii</i> : characterization of key determinants of antibiotic resistance in isolates from susceptible patients” Scientific coordinator: Prof. Zagaglia, Dr.ssa Ambrosi.	Ente Finanziatore: Sapienza bandi per la ricerca di Ateneo 2020, numero protocollo: RP120172B7FF9E6F	Manuscript accepted n°1; manuscript under review n° 5
2021 - 2023	"Intestinal Organoids as a new model to unravel the role of exosomes in host-nematode interaction." Scientific coordinator: Dr.ssa Cavallero.	Ente Finanziatore: ESCMID research grant 2021	Manuscript under review n° 4

2021 - 2022	“Evaluation of the impact of bacterial superinfections in post-COVID19 patients and surveillance on antimicrobial resistance of major pulmonary pathogens.” Scientific coordinator: Dr. Ambrosi.	Ente finanziatore: progetti Ricerca Corrente Università San Raffaele	
2023-2026	“INNOVATIVE APPROACHES TO IMPROVE DIAGNOSIS, OUTCOME, SURVEILLANCE, EPIDEMIOLOGY AND THERAPY OF INFECTIOUS DISEASES” Scientific coordinator: Prof. Mastroianni	Ente Finanziatore: Sapienza bandi per la ricerca di Ateneo Progetto Dipartimentale 2023, numero protocollo: RD12318AAC3B4A3E.	
2023-2026	“Spillover: come ti racconto la one health” Scientific coordinator: Prof. Liuccio	Ente Finanziatore: Sapienza bandi per la Terza Missione, numero protocollo: TM12318B85AD0B8A	

Part VII – Research Activities

Keywords	Brief Description	Publications
Host-microbe interaction.	Dr. Scribano is a type A fix-term researcher (RTD-A) at the Microbiology laboratories of the DSPMI of the Sapienza University of Rome. She is responsible for the research activities carried out at the <i>Organoid lab</i> at the DSPMI. The study of the relationship between bacteria and eukaryotic cells represents the main research interest of Dr. Scribano. The molecular characterization of bacterial-host interactions is carried out by using model microorganisms belonging to specific species of Gram-negative bacteria, including human pathogenic and opportunistic strains. Research activities are listed below: 1. Study of the pathogenetic mechanism of the human pathogen <i>Shigella flexneri</i> in <i>in vitro</i> and <i>in vivo</i> infection models. Part of these studies have been carried out in collaboration with Prof. Grassi of the Mucosal immunology laboratory at the Institute for Research in Biomedicine of Bellinzona, Switzerland. Achievements: molecular characterization of the role of three <i>S. flexneri</i> virulence factors during intestinal epithelial cell infection. 2. Study of genotypic and phenotypic traits of <i>Escherichia coli</i> strains associated with normal or diseased colonic mucosa (adenomas, cancer lesions). Characterization of pathoadaptive behaviour of <i>E. coli</i> associated to colonic mucosa as well as the ecological interactions among commensal strains and pathotypes are included in this research line. These studies are carried out in collaboration with Prof. Pronio of the Dept. of General Surgery “P. Stefanini” of the University hospital “Umberto I” of Rome, Dr. Strati and Prof. Facciotti of the Dept. of Biotechnology and Biosciences University of Milano-Bicocca, Milan and with Prof. Di Bonaventura and Prof. Pompilio of the Dept. of Medical, Oral and Biotechnological Science of the University “G. d’Annunzio” of Chieti-Pescara. Achievements: identification of a pathogenic phenotypic signature characterizing <i>E. coli</i> strains colonizing colonic adenomatous lesions; identification of <i>E. coli</i> strains showing high capability to out-compete <i>E. coli</i> pathotypes. 3. Study of the virulence mechanisms of the human pathogen <i>Acinetobacter baumannii</i> . Part of this research activity was performed in collaboration with Prof. Singer Institut für Anatomie Universitätsklinikum Essen, Essen, Germany. Achievements: identification of lung epithelial cell receptors involved in <i>A. baumannii</i> adhesion and internalization, characterization of its intracellular trafficking; identification of <i>A. baumannii</i> outer membrane proteins involved in its	N° 1-2, 4-5, 9, 11-16, 19-20, 22-23, 25, 27-37

	physiology and virulence. 4. Clinical studies/case reports (manuscript accepted n°1,2, 3)	
Advanced cellular models to study human pathogens	Development of cellular models to study host-microbe interactions. Research activities are listed below. 1. <i>In vitro</i> cell models to study the infection of the archetype JC polyomavirus and patient-associated variants and for Merkel cell polyomavirus. Achievements: identification of the kidney fibroblast-like cell (COS-7) line as suitable to propagate JCV <i>in vitro</i> and to identify significant mutations leading to viral variants. 2. Set up of experimental protocols to isolate and culture murine- and human-derived intestinal and airway organoids. Set up of bronchial air-liquid interface (ALI) culture to model the airway epithelium. Achievements: colon-derived organoids were used to study the competitive behaviour of the probiotic <i>E. coli</i> strain Nissle and the Enteropathogenic <i>E. coli</i> (EPEC); colon-derived organoids were used to study the impact of extracellular vesicles released by the nematode <i>Anisakis</i> on the intestinal epithelium; bronchial ALI cultures are currently used to study cell responses to <i>A. baumannii</i> infection.	6, 24-25
Alternative therapeutic strategies to control bacterial infections	(Manuscript in preparation, manuscript under review n°4) Study of alternative and innovative therapeutic strategies to control bacterial infections. Research activities are listed below. 1. anti-virulence therapeutic strategies to combat urinary-tract infections caused by uropathogenic <i>E. coli</i> (UPEC) strains. Achievements: determination of the impact of the adhesin inhibitory D-mannose on UPEC physiology. 2. Identification of bacterial factors activated during the expression of beta-lactamases in <i>A. baumannii</i> strains. These studies are carried out in collaboration with Dr. Putignani, Head of UOS Microbiomics, UOC Microbiology and Immunology Diagnostics, Head of the Human Microbiome Unit, Research Area of Rheumatology, Immunology and Infectious Diseases of the Pediatric Hospital Bambino Gesù, IRCCS, Rome. Achievements: identification of an oxidative-stress response protein as an important bacterial target for the development of new anti-bacterial molecules; identification of <i>A. baumannii</i> outer membrane proteins as targets to develop anti-virulence strategies. (Manuscript under review n°5)	3, 7-8, 10, 17-18, 21

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base/description
Papers [international]	37	Scopus (access date July 9 th 2024)
Total Impact factor (year of publication)	142,9	Journal of Citation Report JCR (access date July 9 th 2024)
Mean IF/publication (year of publication)	3,8	Journal of Citation Report JCR (access date July 9 th 2024)
Total Impact factor (2024)	144,9	Journal of Citation Report JCR (access date July 9 th 2024)
Mean IF/publication (2024)	3,9	Journal of Citation Report JCR (access date July 9 th 2024)

Total Citations	859	Scopus (access date July 9 th 2024)
Average Citations per Product	23,21	Scopus (access date July 9 th 2024)
Hirsch (H) index	17	Scopus (access date July 9 th 2024)
Normalized H index* (last 10 years 2013-2023)	16	Scopus (access date July 9 th 2024)
Documents in top 25% journals by CiteScore percentile	30,3% (10 documents)	Scopus (access date July 9 th 2024)
Documents in top 25% journals by JCR	48,6% (17 documents)	Scopus (access date July 9 th 2024)
Median Impact Factor Category Microbiology	3,0	Journal of Citation Report JCR (access date July 9 th 2024)
Median Impact Factor Category Infectious Diseases	2,8	Journal of Citation Report JCR (access date July 9 th 2024)

*H index divided by the academic seniority.

WEBSITES:

<https://www.scopus.com/authid/detail.uri?authorId=55484822200>

https://scholar.google.com/citations?view_op=new_articles&hl=it&imq=Daniela+Scribano#

<https://www.researchgate.net/profile/Daniela-Scribano>

<https://orcid.org/0000-0002-2901-265X>

<https://www.webofscience.com/wos/author/record/2367990>

ABILITAZIONE SCIENTIFICA NAZIONALE

Abilitazione Scientifica Nazionale alle funzioni di professore universitario di Seconda Fascia nel Gruppo Scientifico Disciplinare GSD 06/MEDS-03 (Ex Settore concorsuale 06/A3) - MICROBIOLOGIA E MICROBIOLOGIA CLINICA 07/02/2022 a 07/02/2032

Part IXa– Selected Publications (12 publications from 2014 to 2023, last 10 years)

List of the publications selected for the evaluation.

Journal IF= Impact Factor of the year of publication and the 2023 updated on Web of Science (access date 9 July 2024); Citation number on SCOPUS (access date 9 July 2024) ^aco-authorship; *Corresponding author

1. **Scribano D**, Petrucca A, Pompili M, Ambrosi C, Bruni E, Zagaglia C, Prosseda G, Nencioni L, Casalino M, Polticelli F, Nicoletti M. Polar localization of PhoN2, a periplasmic virulence-associated factor of *Shigella flexneri*, is required for proper IcsA exposition at the old bacterial pole. PLoS One. 2014 Feb 27;9(2):e90230. doi: 10.1371/journal.pone.0090230. (Q1 MULTIDISCIPLINARY SCIENCES; Journal IF 2014: 3.2; Journal IF 2023: 2,9; Citations 2024: 24)

Author contribution: DS conceived and designed the experiments; she performed the experiments; she was responsible for methodology, validation and data analyses and she wrote the original draft.

2. Sarshar M^a, **Scribano D**^{**}, Marazzato M, Ambrosi C, Aprea MR, Aleandri M, Pronio A, Longhi C, Nicoletti M, Zagaglia C, Palamara AT, Conte MP. Genetic diversity, phylogroup distribution and virulence gene profile of *pks* positive *Escherichia coli* colonizing human intestinal polyyps. Microb Pathog. 2017

Nov;112:274-278. doi: 10.1016/j.micpath.2017.10.009. (Q2 MICROBIOLOGY; Journal IF 2017: 2.3; Journal IF 2023: 3,3; Citations 2024: 28)

Author contribution: DS conceived and designed the experiments; she performed the experiments; she was responsible for methodology, validation and data analyses; she wrote the original draft and she was responsible for manuscript reviewing and editing.

3. Proietti M, Perruzza L, **Scribano D**, Pellegrini G, D'Antuono R, Strati F, Raffaelli M, Gonzalez SF, Thelen M, Hardt WD, Slack E, Nicoletti M, Grassi F. ATP released by intestinal bacteria limits the generation of protective IgA against enteropathogens. *Nat Commun.* 2019 Jan 16;10(1):250. doi: 10.1038/s41467-018-08156-z. (Q1 MULTIDISCIPLINARY SCIENCES; Journal IF 2019: 12.1; Journal IF 2023: 14,7; Citations 2024 60)

Author contribution: DS generated and provided engineered bacterial strains and contributed to manuscript reviewing and editing.

4. Ambrosi C, Sarshar M, Aprea MR, Pompilio A, Di Bonaventura G, Strati F, Pronio A, Nicoletti M, Zagaglia C, Palamara AT, **Scribano D***. Colonic adenoma-associated *Escherichia coli* express specific phenotypes. *Microbes Infect.* 2019 Aug-Sep;21(7):305-312. doi: 10.1016/j.micinf.2019.02.001. (Q3 INFECTIOUS DISEASES-MICROBIOLOGY; Journal IF 2019: 2.4; Journal IF 2023: 2,6; Citations 2024: 20)

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation and data analyses; she wrote the original draft and she was responsible for manuscript reviewing and editing.

5. **Scribano D**, Marzano V, Levi Mortera S, Sarshar M, Vernocchi P, Zagaglia C, Putignani L, Palamara AT, Ambrosi C. Insights into the Periplasmic Proteins of *Acinetobacter baumannii* AB5075 and the Impact of Imipenem Exposure: A Proteomic Approach. *Int J Mol Sci.* 2019 Jul 13;20(14):3451. doi: 10.3390/ijms20143451. (Q1 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2019: 4.6; Journal IF 2023: 4.9; Citations 2024: 13)

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation and data analyses and she contributed to manuscript reviewing and editing.

6. **Scribano D^a**, Sarshar M^a, Prezioso C, Lucarelli M, Angeloni A, Zagaglia C, Palamara AT, Ambrosi C. d-Mannose Treatment neither Affects Uropathogenic *Escherichia coli* Properties nor Induces Stable FimH Modifications. *Molecules.* 2020 Jan 13;25(2):316. doi: 10.3390/molecules25020316. (Q2 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2020: 3.3; Journal IF 2023: 4.2; Citations 2024: 50)

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation, data analyses and manuscript reviewing and editing.

7. Sarshar M, Behzadi P, Ambrosi C, Zagaglia C, Palamara AT, **Scribano D**. FimH and Anti-Adhesive Therapeutics: A Disarming Strategy Against Uropathogens. *Antibiotics (Basel).* 2020 Jul 10;9(7):397. doi: 10.3390/antibiotics9070397. (Q1 INFECTIOUS DISEASES; Journal IF 2020:3.9; Journal IF 2023: 4.3; Citations 2024: 76).

Author contribution: DS conceived, planned the project and organized the manuscript (conceptualization); she participated in data curation and in writing. D.S supervised the manuscript, contributed to the final manuscript preparation and she was responsible for reviewing and editing.

8. Ambrosi C^a, **Scribano D^a**, Sarshar M, Zagaglia C, Singer BB, Palamara AT. *Acinetobacter baumannii* Targets Human Carcinoembryonic Antigen-Related Cell Adhesion Molecules (CEACAMs) for Invasion of

Pneumocytes. *mSystems*. 2020 Dec 22;5(6):e00604-20. doi: 10.1128/mSystems.00604-20. (Q1 INFECTIOUS DISEASES; Journal IF 2020 6.6; Journal IF 2023: 5.0; Citations 2024: 21).

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation and data analyses; she contributed to manuscript reviewing and editing.

- Sarshar M, Behzadi P, **Scribano D**, Palamara AT, Ambrosi C. *Acinetobacter baumannii*: An Ancient Commensal with Weapons of a Pathogen. *Pathogens*. 2021 Mar 24;10(4):387. doi: 10.3390/pathogens10040387. (Q2 MICROBIOLOGY; Journal IF 2020 4.5; Journal IF 2023: 3.3; Citations 2024: 102)

Author contribution: DS conceived and organized the manuscript (conceptualization); she participated in data curation and she sketched pictures. She contributed to the final manuscript preparation and she was responsible for reviewing and editing.

- Sarshar M^a, **Scribano D^a**, Limongi D, Zagaglia C, Palamara AT, Ambrosi C. Adaptive strategies of uropathogenic *Escherichia coli* CFT073: from growth in lab media to virulence during host cell adhesion. *Int Microbiol*. 2022 Aug;25(3):481-494. doi: 10.1007/s10123-022-00235-y. (Q3 MICROBIOLOGY; Journal IF 2022: 3.3; Journal IF 2023: 2.3; Citations 2024: 7)

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation and data analyses; she contributed to manuscript reviewing and editing.

- Marazzato M^a, **Scribano D^a**, Sarshar M, Brunetti F, Fillo S, Fortunato A, Lista F, Palamara AT, Zagaglia C, Ambrosi C. Genetic Diversity of Antimicrobial Resistance and Key Virulence Features in Two Extensively Drug-Resistant *Acinetobacter baumannii* Isolates. *Int J Environ Res Public Health*. 2022 Mar 1;19(5):2870. doi: 10.3390/ijerph19052870. (Q1 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH; Journal IF 2022; 3.4; Journal IF 2023: 4.6; Citations 2024: 4)

Author contribution: DS conceived and designed the work (conceptualization); she contributed to manuscript reviewing and editing.

- Perruzza L, Zagaglia C, Vitiello L, Sarshar M, Strati F, Pasqua M, Grassi F, Nicoletti M, Palamara AT, Ambrosi C, **Scribano D***. The *Shigella flexneri* virulence factor apyrase is released inside eukaryotic cells to hijack host cell fate. *Microbiol Spectr*. 2023 Dec 12;11(6):e0077523. doi: 10.1128/spectrum.00775-23. (Q2 MICROBIOLOGY; Journal IF 2023 3.7; Citations 0)

Author contribution: DS conceived and designed the work (conceptualization); she performed the experiments; she was responsible for methodology, validation and data analyses; she wrote the original draft and she contributed to manuscript reviewing and editing.

Part IXb– Bibliometric indexes of the selected publications

Product type	Number	Data Base/description
Total Impact factor (12 publications)	53,3	Journal of Citation Report JCR (access date July 9 th 2024)
Mean IF/publication (year of publication)	4,4	Journal of Citation Report JCR (access date July 9 th 2024)
Total citations	405	Journal of Citation Report JCR (access date July 9 th 2024)
Mean IF/publication	37,75	Journal of Citation Report JCR (access date July 9 th 2024)

Part IXc –Total Publications (37 publications)

Journal IF= Impact Factor of the year of publication and the 2023 updated on Web of Science; Citation number on SCOPUS 2024 (access date 9 July 2024) ^aco-authorship; *Corresponding author

1. Passerini S, Babini G, Merenda E, Carletti R, **Scribano D**, Rosa L, Conte AL, Moens U, Ottolenghi L, Romeo U, Conte MP, Di Gioia CRT, Pietropaolo V. Merkel Cell Polyomavirus in the Context of Oral Squamous Cell Carcinoma and Oral Potentially Malignant Disorders. *Biomedicines*. 2024 Mar 22;12(4):709. doi: 10.3390/biomedicines12040709. (Q1 BIOCHEMISTRY, GENETIC AND MOLECULAR BIOLOGY; Journal IF 2023; 3.9; Citations 2024:0)
2. L Perruzza, C Zagaglia, L Vitiello, M Sarshar, F Strati, M Pasqua, F Grassi, M Nicoletti, AT Palamara C Ambrosi^a, **D Scribano**^{a*} The *Shigella flexneri* virulence factor apyrase is released inside eukaryotic cells to hijack host cell fate. *Microbiol Spectr*. 2023 Dec 12;11(6):e0077523. doi: 10.1128/spectrum.00775-23. (Q2 MICROBIOLOGY; Journal IF 2023 3.7; Citations 0) *selected for evaluation
3. L Mousavifar; M Sarshar; C Bridot; **D Scribano**; C Ambrosi; AT Palamara; G Vergoten; B Roubinet; L Landemarre; J Bouckaert; R Roy Insightful Improvement in the Design of Potent Uropathogenic *E. coli* FimH Antagonists *Pharmaceutics* 2023, Volume 15, Issue 2, 527 doi.org/10.3390/pharmaceutics15020527 (Q1 PHARMACOLOGY & PHARMACY; Journal IF 2023 5.4; Journal IF 2023 4.9; Citations 2024: 3)
4. Sarshar M^a, **Scribano D**^a, Palamara AT, Ambrosi C, Masotti A. The *Acinetobacter baumannii* model can explain the role of small non-coding RNAs as potential mediators of host-pathogen interactions. *Front Mol Biosci*. 2022;9:1088783. doi: 10.3389/fmolb.2022.1088783 (Q2 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2022 6.1; Journal IF 2023 3.9; Citations 2024: 3)
5. Sarshar M, **Scribano D**; Behzadi, P; Masotti, A; Ambrosi, C Outer membrane vesicles are the powerful cell-to-cell communication vehicles that allow bacteria to monitor extracellular milieu. 2022 *ExRNA* DOI 10.21037/exrna-22-18 (Q3 MOLECULAR BIOLOGY; Journal IF 2022: 0; Journal IF 2022: 0; Citations 2024: 3)
6. Bellini I, **Scribano D**, Sarshar M, Ambrosi C, Pizzarelli A, Palamara AT, D'Amelio S, Cavallero S. Inflammatory Response in Caco-2 Cells Stimulated with Anisakis Messengers of Pathogenicity. *Pathogens*. 2022 Oct 20;11(10). doi: 10.3390/pathogens11101214. (Q2 MICROBIOLOGY; Journal IF 2022: 4.5; Journal IF 2023: 3.3; Citations 2024: 3)
7. Sarshar M^a, **Scribano D**^a, Limongi D, Zagaglia C, Palamara AT, Ambrosi C. Adaptive strategies of uropathogenic *Escherichia coli* CFT073: from growth in lab media to virulence during host cell adhesion. *Int Microbiol*. 2022 Aug;25(3):481-494. doi: 10.1007/s10123-022-00235-y. (Q3 MICROBIOLOGY; Journal IF 2022: 3.3; Journal IF 2023: 2.3; Citations 2024: 7) *selected for evaluation
8. Behzadi P, Ambrosi C, **Scribano D**, Zanetti S, Sarshar M, Gajdacs M, Donadu MG. Editorial: Current perspectives on *Pseudomonas aeruginosa*: epidemiology, virulence and contemporary strategies to combat multidrug-resistant (MDR) pathogens. *Front Microbiol*. 2022;13:975616. doi: 10.3389/fmicb.2022.975616. (Q2 MICROBIOLOGY; Journal IF 2022: 6.1; Journal IF 2023: 4; Citations 2024: 14)
9. Marazzato M^a, **Scribano D**^a, Sarshar M, Brunetti F, Fillo S, Fortunato A, Lista F, Palamara AT, Zagaglia C, Ambrosi C. Genetic Diversity of Antimicrobial Resistance and Key Virulence Features in Two Extensively Drug-Resistant *Acinetobacter baumannii* Isolates. *Int J Environ Res Public Health*. 2022 Mar 1;19(5). doi: 10.3390/ijerph19052870. (Q1 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH; Journal IF 2022: 3.4; Journal IF 2023: 4.6; Citations 2024: 4) *selected for evaluation
10. **Scribano D**, Sarshar M, Fettucciari L, Ambrosi C. Urinary tract infections: Can we prevent uropathogenic *Escherichia coli* infection with dietary intervention? *Int J Vitam Nutr Res*. 2021 Sep;91(5-6):391-395. doi: 10.1024/0300-9831/a000704. (Q3 NUTRITION & DIETETICS; Journal IF 2021: 0.8; Journal IF 2023: 2; Citations 2024: 5)
11. Pompilio A^a, **Scribano D**^a, Sarshar M, Di Bonaventura G, Palamara AT, Ambrosi C. Gram-Negative Bacteria Holding Together in a Biofilm: The *Acinetobacter baumannii* Way. *Microorganisms*. 2021 Jun 22;9(7). doi: 10.3390/microorganisms9071353. (Q2 MICROBIOLOGY; Journal IF 2021: 4.1; Journal IF 2023: 4.1; Citations 2024: 43)
12. Sarshar M, Behzadi P, **Scribano D**, Palamara AT, Ambrosi C. *Acinetobacter baumannii*: An Ancient Commensal with Weapons of a Pathogen. *Pathogens*. 2021 Mar 24;10(4). doi: 10.3390/pathogens10040387. (Q2 MICROBIOLOGY; Journal IF 2021 4.5; Journal IF 2023: 3.3; Citations 2024: 102) *selected for evaluation
13. Ambrosi C, Prezioso C, Checconi P, **Scribano D**, Sarshar M, Capannari M, Tomino C, Fini M, Garaci E, Palamara AT, De Chiara G, Limongi D. SARS-CoV-2: Comparative analysis of different RNA extraction methods. *J Virol Methods*. 2021 Jan;287:114008. doi: 10.1016/j.jviromet.2020.114008. (Q2

BIOTECHNOLOGY & APPLIED MICROBIOLOGY; Journal IF 2021 2.6; Journal IF 2023: 2.2; Citations 2024: 52)

14. Ambrosi C^a, **Scribano D^a**, Sarshar M, Zagaglia C, Singer BB, Palamara AT. *Acinetobacter baumannii* Targets Human Carcinoembryonic Antigen-Related Cell Adhesion Molecules (CEACAMs) for Invasion of Pneumocytes. *mSystems*. 2020 Dec 22;5(6). doi: 10.1128/mSystems.00604-20. (Q1 INFECTIOUS DISEASES; Journal IF 2020 6.6; Journal IF 2023: 5.0; Citations 2024: 21) *selected for evaluation
15. Hozhabri H, Picci Sparascio F, Sohrabi H, Mousavifar L, Roy R, **Scribano D**, De Luca A, Ambrosi C, Sarshar M. The Global Emergency of Novel Coronavirus (SARS-CoV-2): An Update of the Current Status and Forecasting. *Int J Environ Res Public Health*. 2020 Aug 5;17(16). doi: 10.3390/ijerph17165648. (Q1 PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH; Journal IF 2020 2.5; Journal IF 2023: 4.6; Citations 2024: 43)
16. Sarshar M^a, **Scribano D^a**, Ambrosi C, Palamara AT, Masotti A. Fecal microRNAs as Innovative Biomarkers of Intestinal Diseases and Effective Players in Host-Microbiome Interactions. *Cancers (Basel)*. 2020 Aug 5;12(8). doi: 10.3390/cancers12082174. (Q1 ONCOLOGY; Journal IF 2020 6.1; Journal IF 2023: 4.5; Citations 2024: 36)
17. Sarshar M, Behzadi P, Ambrosi C, Zagaglia C, Palamara AT, **Scribano D**. FimH and Anti-Adhesive Therapeutics: A Disarming Strategy Against Uropathogens. *Antibiotics (Basel)*. 2020 Jul 10;9(7). doi: 10.3390/antibiotics9070397. (Q1 INFECTIOUS DISEASES; Journal IF 2020:3.9; Journal IF 2023: 4.3; Citations 2024: 76). *selected for evaluation
18. **Scribano D^a**, Sarshar M^a, Prezioso C, Lucarelli M, Angeloni A, Zagaglia C, Palamara AT, Ambrosi C. d-Mannose Treatment neither Affects Uropathogenic *Escherichia coli* Properties nor Induces Stable FimH Modifications. *Molecules*. 2020 Jan 13;25(2). doi: 10.3390/molecules25020316. (Q2 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2020: 3.3; Journal IF 2023: 4.2; Citations 2024: 50) *selected for evaluation
19. Sarshar M^a, **Scribano D^a**, Tranquilli G, Di Pietro M, Filardo S, Zagaglia C, Sessa R, Palamara AT, Ambrosi C. A simple, fast and reliable scan-based technique as a novel approach to quantify intracellular bacteria. *BMC Microbiol*. 2019 Nov 12;19(1):252. doi: 10.1186/s12866-019-1625-1. (Q2 MICROBIOLOGY; Journal IF 2019: 3.0; Journal IF 2023: 4.0; Citations: 2024: 4)
20. Ambrosi C, Sarshar M, Aprea MR, Pompilio A, Di Bonaventura G, Strati F, Pronio A, Nicoletti M, Zagaglia C, Palamara AT, **Scribano D^{*}**. Colonic adenoma-associated *Escherichia coli* express specific phenotypes. *Microbes Infect*. 2019 Aug - Sep;21(7):305-312. doi: 10.1016/j.micinf.2019.02.001. (Q3 INFECTIOUS DISEASES; Journal IF 2019: 2.4; Journal IF 2023: 2,6; Citations 2024: 20) *selected for evaluation
21. **Scribano D**, Marzano V, Levi Mortera S, Sarshar M, Vernocchi P, Zagaglia C, Putignani L, Palamara AT, Ambrosi C. Insights into the Periplasmic Proteins of *Acinetobacter baumannii* AB5075 and the Impact of Imipenem Exposure: A Proteomic Approach. *Int J Mol Sci*. 2019 Jul 13;20(14). doi: 10.3390/ijms20143451. (Q1 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2019: 4.6; Journal IF 2023: 4.9; Citations: 2024: 13) *selected for evaluation
22. Proietti M, Perruzza L, **Scribano D**, Pellegrini G, D'Antuono R, Strati F, Raffaelli M, Gonzalez SF, Thelen M, Hardt WD, Slack E, Nicoletti M, Grassi F. ATP released by intestinal bacteria limits the generation of protective IgA against enteropathogens. *Nat Commun*. 2019 Jan 16;10(1):250. doi: 10.1038/s41467-018-08156-z. (Q1 MULTIDISCIPLINARY SCIENCES; Journal IF 2019: 12.1; Journal IF 2023: 14,7; Citations 2024: 60) *selected for evaluation
23. Rodio DM, Bressan A, Ambrosi C, **Scribano D**, Tolli R, Mansour W, Speziale F, Antonelli G, Trancassini M, Pietropaolo V. *Yersinia enterocolitica* in Italy: A Case of Septicemia and Abdominal Aortic Aneurysm Infection. *Front Med (Lausanne)*. 2018;5:156. doi: 10.3389/fmed.2018.00156. (Q2 MICROBIOLOGY; Journal IF 2018: 4.3; Journal IF 2023: 4; Citations 2024 :10)
24. Prezioso C^a, **Scribano D^a**, Rodio DM, Ambrosi C, Trancassini M, Palamara AT, Pietropaolo V. COS-7-based model: methodological approach to study John Cunningham virus replication cycle. *Virology*. 2018 Feb 5;15(1):29. doi: 10.1186/s12985-018-0939-1. (Q2 VIROLOGY; Journal IF 2018: 2.5; Journal IF 2023: 4; Citations 2024: 9)
25. Palese E, Nudo M, Zino G, Devirgiliis V, Carbotti M, Cinelli E, Rodio DM, Bressan A, Prezioso C, Ambrosi C, **Scribano D**, Pietropaolo V, Fioriti D, Panasiti V. Cutaneous candidiasis caused by *Candida albicans* in a young non-immunosuppressed patient: an unusual presentation. *Int J Immunopathol Pharmacol*. 2018 Jan-Dec;32:2058738418781368. doi: 10.1177/2058738418781368. (Q2 PATHOLOGY; Journal IF 2018: 2.2; Journal IF 2023: 3; Citations 2024: 9)

26. Prezioso C^a, **Scribano D^a**, Bellizzi A, Anzivino E, Rodio DM, Trancassini M, Palamara AT, Pietropaolo V. Efficient propagation of archetype JC polyomavirus in COS-7 cells: evaluation of rearrangements within the NCCR structural organization after transfection. *Arch Virol.* 2017 Dec;162(12):3745-3752. doi: 10.1007/s00705-017-3542-7. (Q3 VIROLOGY; Journal IF 2018: 2.2; Journal IF 2023: 2.5; Citations 2024: 14)
27. Sarshar M^a, **Scribano D^{a*}**, Marazzato M, Ambrosi C, Aprea MR, Aleandri M, Pronio A, Longhi C, Nicoletti M, Zagaglia C, Palamara AT, Conte MP. Genetic diversity, phylogroup distribution and virulence gene profile of pks positive *Escherichia coli* colonizing human intestinal polyps. *Microb Pathog.* 2017 Nov;112:274-278. doi: 10.1016/j.micpath.2017.10.009. (Q2 MICROBIOLOGY; Journal IF 2017: 2.3; Journal IF 2023: 3.3; Citations 2024: 28) *selected for evaluation
28. Ambrosi C, **Scribano D**, Aleandri M, Zagaglia C, Di Francesco L, Putignani L, Palamara AT. *Acinetobacter baumannii* Virulence Traits: A Comparative Study of a Novel Sequence Type with Other Italian Endemic International Clones. *Front Microbiol.* 2017;8:1977. doi: 10.3389/fmicb.2017.01977. (Q2 MICROBIOLOGY; Journal IF 2017: 4.0; Journal IF 2023: 4.0; Citations 2024: 28)
29. Perruzza L, Gargari G, Proietti M, Fosso B, D'Erchia AM, Faliti CE, Rezzonico-Jost T, **Scribano D**, Mauri L, Colombo D, Pellegrini G, Moregola A, Mooser C, Pesole G, Nicoletti M, Norata GD, Geuking MB, McCoy KD, Guglielmetti S, Grassi F. T Follicular Helper Cells Promote a Beneficial Gut Ecosystem for Host Metabolic Homeostasis by Sensing Microbiota-Derived Extracellular ATP. *Cell Rep.* 2017 Mar 14;18(11):2566-2575. doi: 10.1016/j.celrep.2017.02.061. (Q1 CELL BIOLOGY; Journal IF 2017: 8.0; Journal IF 2023: 7.5; Citations 2024: 75)
30. Ambrosi C, Aleandri M, Giordano A, **Scribano D**, Marazzato M, Zagaglia C, Conte MP, Palamara AT. Molecular characterisation of extensively drug-resistant *Acinetobacter baumannii*: First report of a new sequence type in Italy. *J Glob Antimicrob Resist.* 2016 Dec;7:154-156. doi: 10.1016/j.jgar.2016.10.002. (Q2 INFECTIOUS DISEASES; Journal IF 2016: 1.3; Journal IF 2023: 3.7; Citations 2024: 7)
31. **Scribano D**, Damico R, Ambrosi C, Superti F, Marazzato M, Conte MP, Longhi C, Palamara AT, Zagaglia C, Nicoletti M. The *Shigella flexneri* OmpA amino acid residues 188EVQ190 are essential for the interaction with the virulence factor PhoN2. *Biochem Biophys Rep.* 2016 Dec;8:168-173. doi: 10.1016/j.bbrep.2016.08.010. (Q3 BIOCHEMISTRY & MOLECULAR BIOLOGY; Journal IF 2016: 0; Journal IF 2023: 2.6; Citations 2024: 9)
32. Cavallero S, **Scribano D**, D'Amelio S. First case report of invasive pseudoterranoviasis in Italy. *Parasitol Int.* 2016 Oct;65(5 Pt A):488-90. doi: 10.1016/j.parint.2016.07.003. (Q3 PARASITOLOGY; Journal IF 2016: 1.7; Journal IF 2023: 1.5; Citations 2024: 19)
33. Rodio DM, Anzivino E, Mischitelli M, Bellizzi A, Scrivo R, **Scribano D**, Conte G, Prezioso C, Trancassini M, Valesini G, Palamara AT, Pietropaolo V. Increased Prevalence of Human Polyomavirus JC Viruria in Chronic Inflammatory Rheumatic Diseases Patients in Treatment with Anti-TNF α : A 18 Month Follow-Up Study. *Front Microbiol.* 2016;7:672. doi: 10.3389/fmicb.2016.00672. (Q2 MICROBIOLOGY; Journal IF 2016: 4.1; Journal IF 2023: 4; Citations 2024: 5)
34. Bellizzi A, Mischitelli M, Anzivino E, Scrivo R, Rodio DM, **Scribano D**, Cacciotti F, Cioccolo S, Delbue S, Valesini G, Pietropaolo V. Human polyomavirus JC presence in chronic inflammatory rheumatic diseases patients treated with anti-TNF- α : Evaluation of JC viral loads in urine and plasma samples. *Joint Bone Spine.* 2015 Oct;82(5):375-6. doi: 10.1016/j.jbspin.2014.12.010. (Q1 RHEUMATOLOGY; Journal IF 2015: 2.9; Journal IF 2023: 3.8; Citations 2024: 3)
35. Ambrosi C, Pompili M, **Scribano D**, Limongi D, Petrucca A, Cannavacciuolo S, Schippa S, Zagaglia C, Grossi M, Nicoletti M. The *Shigella flexneri* OspB effector: an early immunomodulator. *Int J Med Microbiol.* 2015 Jan;305(1):75-84. doi: 10.1016/j.ijmm.2014.11.004. (Q2 MICROBIOLOGY; Journal IF 2015: 3.9; Journal IF 2023: 4.5; Citations 2024: 23)
36. **Scribano D**, Petrucca A, Pompili M, Ambrosi C, Bruni E, Zagaglia C, Prosseda G, Nencioni L, Casalino M, Polticelli F, Nicoletti M. Polar localization of PhoN2, a periplasmic virulence-associated factor of *Shigella flexneri*, is required for proper IcsA exposition at the old bacterial pole. *PLoS One.* 2014;9(2):e90230. doi: 10.1371/journal.pone.0090230. (Q1 MULTIDISCIPLINARY SCIENCES; Journal IF 2014: 3.2; Journal IF 2023: 2.9; Citations 2024: 24) *selected for evaluation
37. Ambrosi C, Pompili M, **Scribano D**, Zagaglia C, Ripa S, Nicoletti M. Outer membrane protein A (OmpA): a new player in *Shigella flexneri* protrusion formation and inter-cellular spreading. *PLoS One.* 2012;7(11):e49625. doi: 10.1371/journal.pone.0049625 (Q1 MULTIDISCIPLINARY SCIENCES; Journal IF 2014: 3.7; Journal IF 2023: 2.9; Citations 2024: 33)

Accepted or under review manuscripts

1. “*Acinetobacter baumannii* OmpA-like porins: functional characterization of bacterial physiology, antibiotic-resistance, and virulence.” **Daniela Scribano**, Elena Cheri, Arianna Pompilio, Giovanni Di Bonaventura, Manuel Belli, Mario Cristina, Luigi Sansone, Carlo Zagaglia, Meysam Sarshar, Anna Teresa Palamara, Cecilia Ambrosi. Accepted for publication in Communications Biology, Nature. (Journal IF: 5.9)
2. “Reduced gut bacterial diversity in early life predict feeding in tolerance in preterm neonates” Maria Di Chiara, Alessandro Lazzaro, **Daniela Scribano**, Maria Trancassini, Valeria Pietropaolo, Michele Sonnessa, Chiara De Luca, Rita Protà, Elisa Onestà, Gianluigi Laccetta and Gianluca Terrin. Accepted for publication in Trop. Med. Infect. Diseases, MDPI. (Journal IF: 2.8)
3. “In vivo evolution to hypermucoviscosity and ceftazidime/avibactam resistance in a liver infection caused by *Klebsiella pneumoniae* Sequence Type 512.” Capitani, Valerio; Arcari, Gabriele; Ambrosi, Cecilia; **Scribano, Daniela**; Ceparano, Mariateresa; Polani, Riccardo; De Francesco, Alice; Raponi, Giammarco; Villari, Paolo; Palamara, Anna Teresa; Marzuillo, Carolina; Carattoli, Alessandra. Accepted for publication in mSpheres, ASM Journal.
4. “Anisakis extracellular vesicles elicit immunomodulatory and potentially tumorigenic outcomes on human intestinal organoids.” Ilaria Bellini, **Daniela Scribano**, Cecilia Ambrosi, Claudia Chiovolini, Silvia Rondon, Annamaria Pronio, Anna Teresa Palamara, Agostina Pietrantoni, Anna Kashkanova, Vadhvir Sandoghdar, Stefano D’Amelio and Serena Cavallero. Under review Parasites & Vectors, BMC.
5. The periplasmic protein HslJ is the first-line of defense against oxidative stress in *Acinetobacter baumannii*. **Daniela Scribano**; Martina Pasqua; Dolores Limongi; Lucia Nencioni; Anna Teresa Palamara, Cecilia Ambrosi. Under review Biological research, BMC

Part IXc

Book chapters	Number	Description
Book chapter [scientific]	1	Chapter “A World of Wonders: Interleukin-1 (IL-1) and IL-2 Families.” doi: 10.5772/intechopen.98664 Interleukins – Book “The Immune and Non-Immune Systems Related Cytokines.” ISBN 978-1-83969-099-0
National Book chapters [teaching]	2	1 Zagaglia C., Scribano D. (2017). Capitolo Sterilizzazione e disinfezione. In: Guido Antonelli, Massimo Clementi, Gianni Pozzi, Gian Maria Rossolini. Principi di Microbiologia medica III Edizione. Casa Editrice Ambrosiana (CEA), ISBN: 9788808187055 2 Zagaglia C., Scribano D. (2018). Capitolo Sterilizzazione e disinfezione. In: Guido Antonelli Massimo Clementi. Principi di Virologia Medica III Edizione. Casa Editrice Ambrosiana (CEA), ISBN: 8808187179

Part Xa Abstracts at national and international congresses (posters)

• 4° FEMS Congress Geneve 2011

“*phoN2*, the gene encoding for apyrase (PhoN2) of *Shigella flexneri*, is essential for the polar localization of IcsA” **D.Scribano**, A.Petrucca, M.Pompili, C.Ambrosi, E.Bruni, S.Cannavacciuolo, C.Zagaglia, A.Calconi, M.Casalino, and M.Nicoletti

• 29° Congresso SIMGBM Pisa 2011

“*Shigella flexneri* OspB effector fine tunes the activity of MAP Kinases at early stages of infection” M.Pompili, A.Petrucca, **D.Scribano**, S.Cannavacciuolo, E.Bruni, M.Nicoletti, and C.Ambrosi

• 30° Congresso SIMGBM Pisa 2013

“Determinants of protein stability and folding: the *Shigella flexneri* periplasmic ATPdiphosphohydrolase story” **D.Scribano**, A.Petrucca, M.Pompili, C.Ambrosi, E.Bruni, F.Polticelli, C.Zagaglia, and M.Nicoletti

• 42° Congresso SIM Torino 2014

- “PERIPLASMIC PhoN2 IS REQUIRED FOR THE ESCAPE OF *SHIGELLA FLEXNERI* FROM AUTOPHAGY” **D. Scribano**, C. Ambrosi, A. Calconi, V. Nicoletti, C. Zagaglia, and M. Nicoletti
- **43° Congresso SIM Napoli 2015**
- “Identification of critical residues for OmpA-PhoN2 binding” **Scribano D.**, Damico R., Ambrosi C., Zagaglia C., and Nicoletti M.
- **44° Congresso SIM Pisa 2016**
- “Phenotypic comparison of virulence-associated traits between a new sequence type and Italian endemic international clones of *Acinetobacter baumannii*” C. Ambrosi, **D. Scribano**, M. Aleandri, C. Zagaglia, A. Giordano, A.T. Palamara
- “*in vitro* model of the human JC polyomavirus replication” C. Prezioso, **D. Scribano**, E. Anzivino, D.M. Rodio, A. Bellizzi, A.T. Palamara, M. Trancassini, V. Pietropaolo
- “Genotoxic mucosa-associated *Escherichia coli* in colon diseases: bad bugs in our gut” M Sarshar, **D. Scribano**, M. Marazzato, M. Aleandri, A. Pronio, C. Longhi, C. Zagaglia, M. Nicoletti, A.T. Palamara, M.P. Conte.
- “Human polyomavirus JC replication in immortalized COS-7 and glial SVGP12 cell lines: an *in vitro* model of infection” C. Prezioso, **D. Scribano**, D.M. Rodio, A. Bellizzi A.T. Palamara, M. Trancassini, V. Pietropaolo
- **45° Congresso SIM Napoli 2016**
- “*Escherichia coli* colonizes colorectal adenomatous polyps: insights into genotypic and phenotypic features” M. Sarshar, C. Ambrosi, M.R. Aprea, M. Nicoletti, M.P. Conte, A.T. Palamara, C. Zagaglia, D. Scribano
- “A new, fast and reliable technique for quantification of intracellular bacteria by In-Cell Western Odyssey Assay” M. Sarshar, **D. Scribano**, A.T. Palamara, C. Ambrosi
- “Assessment of infectious risk during respiratory rehabilitation: study of microbial and polymicrobial contamination of oxygen supply.” D.M. Rodio, D. Limongi, **D. Scribano**, C. Ambrosi, V. Cardaci, V. Conti, V. Pietropaolo, M. Trancassini, E. Garaci, A.T. Palamara
- **46° Congresso SIM Palermo 2018**
- “*Yersinia enterocolitica* in Italy: a case of septicemia and abdominal aortic aneurysm infection” D. M. Rodio, A. Bressan, C. Ambrosi, **D. Scribano**, R. Tolli, M. Wassim, F. Speziale, G. Antonelli, M. Trancassini, V. Pietropaolo
- “Study of bacterial contamination of oxygen medical devices in chronic obstructive pulmonary disease patients” D. M. Rodio, D. Limongi, P. Checconi, **D. Scribano**, C. Ambrosi, V. Cardaci, V. Conti, V. Pietropaolo, M. Trancassini, E. Garaci, A.T. Palamara
- “COS-7-based model: a reliable system able to support a productive John Cunningham virus infection” C. Prezioso, **D. Scribano**, D.M. Rodio, C. Ambrosi, F. Obregon, M. Trancassini, A.T. Palamara, V. Pietropaolo
- “Apyrase, the *Shigella flexneri* virulence factor downregulates caspases activity through the degradation of intracellular ATP” C. Ambrosi, L. Perruzza, E. Rottoli, F. Strati, M. Sarshar, A.T. Palamara, C. Zagaglia, F. Grassi, M. Nicoletti and **D. Scribano**
- **12th International symposium on the Biology of Acinetobacter Frankfurt 2019**
- “Fatal attraction: *Acinetobacter baumannii* exploits carinoembryonic antigen-related cell adhesion molecules (CEACAMs) for cellular adherence” **D. Scribano**, M. Sarshar, C. Zagaglia, A.T. Palamara, B.B. Singer, C. Ambrosi
- **47° Congresso SIM Roma 2019**
- “Fatal attraction: *Acinetobacter baumannii* exploits carinoembryonic antigen-related cell adhesion molecules (CEACAMs) for cellular adherence” **D. Scribano**, M. Sarshar, C. Zagaglia, A.T. Palamara, B.B. Singer, C. Ambrosi
- “Insights into the periplasmic proteins of *Acinetobacter baumannii* AB5075 and the impact of imipenem exposure: a proteomic approach” **Scribano D.**, Marzano V., Levi Mortera S., Sarshar M., Vernocchi P., Zagaglia C., Putignani L., Palamara A.T., Ambrosi C *selected for oral presentation
- **48° Congresso Virtual SIM 2020**
- “D-mannose treatment neither affects uropathogenic *Escherichia coli* properties nor induces stable FimH modifications **D. Scribano**, M. Sarshar, C. Prezioso, M. Lucarelli, A. Angeloni, C. Zagaglia, A.T. Palamara and C. Ambrosi
- **49° Congresso Virtual SIM 2021**
- “Intestinal organoid modeling for intestinal bacteria competition assay” Ambrosi, C., Sarshar, M., Pronio A., Zagaglia C., Palamara, A.T., **Scribano, D.**
- “Adaptive strategies of uropathogenic *Escherichia coli* CFT073: From growth in lab media to virulence during host cell adhesion” Sarshar M., **Scribano D.**, Limongi D., Zagaglia C., Palamara, A.T., Ambrosi, C.

- **5th International Caparica Conference in Antibiotic Resistance Caparica Portugal 2022**
 “Genomic analysis and antimicrobial resistance profile of two extensively drug-resistant *Acinetobacter baumannii* isolates” C Zagaglia, D **Scribano**, M Marazzato, M Sarshar, F Brunetti, AT Palamara, C Ambrosi
- **50° Congresso SIM Napoli 2022**
 “The *Shigella flexneri* virulence factor apyrase is released inside eukaryotic cells to manipulate host cell fate” Perruzza L, Sarshar M, Strati F, Vitiello L, Zagaglia C, Grassi F, Nicoletti M, Palamara AT, Ambrosi C and **Scribano D.** *selected for oral presentation
- **30th International CEA Symposium Essen 2022**
 “*Acinetobacter baumannii* interaction with carinoembryonic antigen-related cell adhesion molecules (CEACAMs).” D. **Scribano**, C Ambrosi
- **13th Symposium on the Biology of Acinetobacter Coimbra 2023**
 “The protein HslJ boosts *Acinetobacter baumannii* survival against oxidative stress” C Ambrosi, M Sarshar, M Pasqua, C Zagaglia, AT Palamara, **D Scribano**
 “*Acinetobacter baumannii* OmpA-like porins: functional characterization in bacterial physiology, antibiotic-resistance, and virulence” **D Scribano**, E Cheri, A Pompilio, G Di Bonaventura, M Belli, M Cristina, L Sansone, C Zagaglia, M Sarshar, AT Palamara, C Ambrosi
 “Phenotypic and genotypic characterization of *Acinetobacter baumannii* clinical isolates: yesterday and today.” AD. Tagueha, **D Scribano**, C D’Agostini, C Fiorilla, M Sarshar, D Limongi, S Iannarelli, Z Miciakova, AT Palamara, C Ambrosi
- **51° Congresso SIM Cagliari 2023**
 The protein HslJ boosts *Acinetobacter baumannii* survival against oxidative stress C Ambrosi, M Sarshar, M Pasqua, C Zagaglia, AT Palamara, D Scribano
Acinetobacter baumannii OmpA-like porins: functional characterization in bacterial physiology, antibiotic-resistance, and virulence D Scribano, E Cheri, A Pompilio, G Di Bonaventura, M Belli, M Cristina, L Sansone, C Zagaglia, M Sarshar, AT Palamara, C Ambrosi
 Phenotypic and genotypic characterization of *Acinetobacter baumannii* clinical isolates: yesterday and today. AD. Tagueha, D Scribano, C D’Agostini, C Fiorilla, M Sarshar, D Limongi, S Iannarelli, Z Miciakova, AT Palamara, C Ambrosi
- **52° Congresso SIM Pavia 2023**
 “Evolutionary dynamics and comparative analysis of *Acinetobacter baumannii* clinical isolates: insights from genomic and phenotypic approaches” Astri D. Tagueha, **Daniela Scribano**, Cartesio D’Agostini, Carlotta Fiorilla, Carlo Zagaglia, Dolores Limongi, Silvia Iannarelli, Anna Teresa Palamara, Cecilia Ambrosi

Part Xb Abstracts at national and international congresses (selected speaker)

- **38° Congresso SIM Riccione 2010**
 “The periplasmic apyrase (PhoN2) of *Shigella flexneri* localized at the old pole of the bacterium beneath IcsA” A.Petrucca, **D.Scribano**, S.Cannavacciuolo, M.Pompili, C.Ambrosi, E.Bruni, C.Zagaglia, A.Calconi, M.Casalino and M.Nicoletti
- **39° Congresso SIM Riccione 2011**
 “Interaction between PhoN2 and OmpA at the old pole of the bacterium allows proper polar IcsA surface exposition and actin based motility in *Shigella flexneri*” **D.Scribano**, A.Petrucca, M.Pompili, C.Ambrosi, E.Bruni, C.Zagaglia, M.Grossi, A.Calconi, L.Nencioni, M.Casalino and M.Nicoletti
- **40° Congresso SIM Riccione 2012**
 “Outer membrane protein A (OmpA) is required for *Shigella flexneri* protrusion and plaque formation and cell-to-cell spread” C.Ambrosi, M.Pompili, **D.Scribano**, E.Bruni, C.Zagaglia, S.Ripa, and M.Nicoletti
- **41° Congresso SIM Riccione 2013**
 “Periplasmic PhoN2 is required for the escape of *S. flexneri* from autophagy” **D.Scribano**, C. Ambrosi, G.Buglia, V.Iebba, A.Calconi, C.Zagaglia, and M.Nicoletti
- **47° Congresso SIM Roma 2019**
 “Insights into the periplasmic proteins of *Acinetobacter baumannii* AB5075 and the impact of imipenem exposure: a proteomic approach” **Scribano D.**, Marzano V., Levi Mortera S., Sarshar M., Vernocchi P., Zagaglia C., Putignani L., Palamara A.T., Ambrosi C

- **Applications of Organoid Technology Symposium Online 2021** MDI Biological Laboratory, Bar Harbor, Maine, USA “Intestinal organoid modeling for intestinal bacteria competition assay” Ambrosi, C., Sarshar, M., Pronio A., Palamara, A.T., **Scribano, D.**
- **50° Congresso SIM Napoli 2022**
“The *Shigella flexneri* virulence factor apyrase is released inside eukaryotic cells to manipulate host cell fate” Perruzza L, Sarshar M, Strati F, Vitiello L, Zagaglia C, Grassi F, Nicoletti M, Palamara AT, Ambrosi C and **Scribano D.**
- **52° Congresso SIM Pavia 2024**
“Searching for new gut friends: *in vitro* characterization of the probiotic properties of human colonic isolated *Escherichia coli*.” Cecilia Ambrosi, Astri Dwyanti Tagueha, Lucia Nencioni, Anna Teresa Palamara, and **Daniela Scribano**

Part XI– Research activity in qualified national and international Institutions

Year	Research institution	Research activity
2018	Institute for Research in Biomedicine, Bellinzona (Switzerland)	Visiting Scientist, <i>Mucosal immunology</i> laboratories led by Prof. Grassi, research activity: "New animal model to study <i>Shigella</i> infection"

PartXII–National and international collaborations

Collaborators	Institutions	Joint Publications/Projects
Dr. Putignani	Unità Operativa di Microbiomica dell’Ospedale Pediatrico Bambino Gesù, IRCCS, Roma	N° 21, 28
Prof. Grassi	Institute for Research in Biomedicine, Università della Svizzera Italiana, Bellinzona, Svizzera	N° 2, 22, 29
Prof. Di Bonaventura	Dipartimento di Scienze Mediche, Orali e Biotecnologiche all’Università “G. d’Annunzio” di Chieti-Pescara.	N° 11, 20
Prof. Singer	Institute of Anatomy, Medical Faculty, University Duisburg-Essen, Essen, Germania.	N° 14
Prof. Roy	Department of Chemistry, Université du Québec à Montréal, Centre-Ville, Montréal, Canada,	N° 3, 15
Dr. Behzadi	Microbiology Department, Islamic Azad University Shahr-e-Qods Branch, Tehran-Iran.	N° 5, 8, 12, 17
Prof. Facciotti – Dr. Strati	Department of Biotechnology and Biosciences University of Milano-Bicocca	Project title “Mucosa associated <i>E. coli</i> drive pathogenic functions in IBD-derived intestinal NKT cells.”

Il CV è redatto in modo conforme ai fini della pubblicazione.

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196, dell’art 26 del D. Lgs. 14 marzo 2013 n°33 e dell’art. 13 del GDPR (Regolamento UE 2016/679)

Daniela Scribano