

## PERSONAL INFORMATION

## Paolo Bottino

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 [www.linkedin.com/in/paolo-bottino](https://www.linkedin.com/in/paolo-bottino)

 <https://www.researchgate.net/profile/Paolo-Bottino>

Sex Male | date of birth 20/01/1991 | Nationality Italy

ACTUAL JOB: PhD student, clinical microbiologist

DEGREE: master degree in medical biotechnologies, specialization in microbiology and virology

PERSONAL STATEMENT: PhD student, specialized in microbiology and virology, member of national order of biologists, with experience of clinical microbiology and excellent organisation skills.

## WORK EXPERIENCE

July 2023 - Today

**Senior Biologist at Microbiology hospital laboratory**

A.O. "SS Antonio e Biagio e C. Arrigo", Via Venezia, 16 – 15121 Alessandria, Italy

Business or sector Health care

November 2021 – Today

**PhD student at Microbiology hospital laboratory**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

Business or sector Health care

April 2022- May 2022

**Scientific consultant**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Scientific consultancy for development of SARS-CoV-2 RNA diagnostic assay in biological samples, on behalf of Bioclarna S.R.L.

Business or sector Health care

June 2021 – October 2021

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Evaluation of Panther Fusion platform for CMV, EBV, HHV6, BKV, ADENOVIRUS molecular testing

Business or sector Health care

July 2017 – July 2021

**Specializing Biologist at Microbiology hospital laboratory**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

Business or sector Health care

November 2020 - May 2021

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Viral infection and MDR bacterial infection

Business or sector Health care

June 2020 - December 2020

**Scientific consultant**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Scientific consultancy for development of SARS-CoV-2 RNA diagnostic assay in biological samples, on behalf of Bioclarna S.R.L.

Business or sector Health care

July 2020 - October 2020

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Phenotypic and molecular screening of CRE

Business or sector Health care

February 2020 - July 2020

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Diagnostic assesment of test CRE, ESBL, MGB, MRSA/SA Elite Kit on BAL

Business or sector Health care

October 2019 - January 2020

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Identification of drug resistance associated mutations in CMV strains
- [Business or sector](#) Health care

April 2019 - July 2019

**Scientific consultant**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Quantitative and qualitative evaluation of Bruschetti eyewash antibacterial activity towards strains commonly implicated in eye infections, on behalf of Bruschetti S.R.L.

[Business or sector](#) Health care

May 2018 - May 2019

**Fellow**

A.O.U. Città della Salute e della Scienza di Torino, Corso Bramante, 88 - 10126 Turin, Italy

- Project EUCAST-DELAFLORACINA

[Business or sector](#) Health care

November 2016 - November 2016

**External collaborator**

INMI "L. Spallanzani", Via Portuense, 292 - 00149 Rome, Italy

- Project: Longitudinal European *Clostridium difficile* Infection Diagnosis Surveillance Study

[Business or sector](#) Health care

January 2015 - January 2015

**External collaborator**

INMI "L. Spallanzani", Via Portuense, 292 - 00149 Rome, Italy

- Project: Longitudinal European *Clostridium difficile* Infection Diagnosis Surveillance Study

[Business or sector](#) Health care

January 2013 – July 2016

**Graduate student at Microbiology hospital laboratory**

National Hospital "SS Antonio e Biagio e C. Arrigo", Via Venezia, 16 – 15121 Alessandria, Italy

[Business or sector](#) Health care

## TEACHING EXPERIENCE

Academic year 2022-2023

**Teaching collaborator**

University of Turin

- Nursing Degree - A.O.U. Città della Salute e della Scienza di Torino, Teaching: Pathology and Laboratory Diagnostics - Microbiology and Clinical Microbiology
- Dietetics Degree – Department of Medical Sciences, Teaching: Hygiene and environmental safety - Microbiology

Academic year 2021-2022

**Teaching collaborator**

University of Turin

- Nursing Degree - A.O.U. Città della Salute e della Scienza di Torino, Teaching: Pathology and Laboratory Diagnostics - Microbiology and Clinical Microbiology
- Dietetics Degree – Department of Medical Sciences, Teaching: Hygiene and environmental safety - Microbiology

Academic year 2020-2021

**Teaching collaborator**

University of Turin

- Nursing Degree - A.O.U. Città della Salute e della Scienza di Torino, Teaching: Pathology and Laboratory Diagnostics - Microbiology and Clinical Microbiology

## EDUCATION AND TRAINING

November 2021 – Today

**PhD in Medical pathophysiology – XXXVII cycle**

University of Turin

Department of Medical Sciences

May 2017 – July 2021

**Specialisation in Microbiology and Virology**

University of Turin  
Department of Pediatric Sciences and Public Health

October 2013 – July 2016

**Master degree in Medical Biotechnologies**

University of Turin  
Department of Medical Sciences

October 2010 – October 2013

**Degree in Biotechnologies**

University of Turin  
Department of Molecular Biotechnologies and Health Sciences

PERSONAL SKILLS

Mother Tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2
Preliminary english test (PET)					
French	B2	B2	B1	B1	B2
Diplôme d'études en langue française (DELF) B2					

Communications Skills

- Excellent ability to work in teams and problem-solving, acquired during my experience as a volunteer in civil protection.
- Excellent ability to relate the results obtained, enhanced by the university education.

Organisational / managerial skills

- Leadership, developed as current head of the FIAS (Italian Federation of Underwater Activities) emergency divers' group of Civil Protection.
- Strong sense of organization and planning, discrete management skills obtained during my internship experience in hospital laboratories.

Job-related skills

- Tutor skills (coaching, for the part of laboratory activity, in the development of others thesis).
- Knowledge of innovative instrumentation for rapid microbiological diagnosis.
- Knowledge of high throughput workflow with Full-automated Platform for virological diagnosis.
- Skills in molecular biology and NGS platform.
- Experience of Next generation Sequencing (NGS).

Computer skills

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

- Excellent knowledge of MS Office (Word, Excel, PowerPoint).
- Good knowledge of programming languages Unix e Perl.
- Knowledge of statistical software Epi Info and R.
- Good knowledge of hospitals and laboratory (LIS) managerial database.
- Knowledge of bioinformatics software and primer/probe design.

Others skills

- Methodical, results-oriented and able to work as a team.
- Excellent problem-solving skills.
- Excellent ability to quickly learn and master new notions.

Driving Licence

A, A1, B

ADDITIONAL INFORMATION
 

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## Publications

## Articles:

- Bottino P, Pastrone L, Curtoni A, Bondi A, Sidoti F, Zanotto E, Cavallo R, Solidoro P, Costa C. Antiviral Approach to Cytomegalovirus Infection: An Overview of Conventional and Novel Strategies. *Microorganisms*. 2023 Sep 22;11(10):2372. doi: 10.3390/microorganisms11102372.
- Bottino P, Zanotto E, Sidoti F, Pastrone L, Piva R, Mereu E, Costa C, Cavallo R. Extraction Bottleneck in the Diagnosis of SARS-CoV-2: Evaluation of an Alternative Protocol Derived from Veterinary Use. *Microorganisms*. 2023; 11(2) 2):535. DOI: 10.3390/microorganisms11020535
- Pastrone L, Curtoni A, Criscione G, Scaiola F, Bottino P, Guarrasi L, Iannaccone M, Timke M, Costa C, Cavallo R. Evaluation of Two Different Preparation Protocols for MALDI TOF MS Nontuberculous Mycobacteria Identification from Liquid and Solid Media. *Microorganisms*. 2023 Jan 3;11(1):120. DOI: 10.3390/microorganisms11010120
- Peradotto M, Bondi A, Lombardi D, Bottino P, Zanotto E, Barbui AM, Cavallo R. The impact of COVID-19 pandemic control on vaccine-preventable invasive bacterial diseases in Piedmont (Italy). *Infection*. 2022 Feb 16:1–4. DOI: 10.1007/s15010-022-01770-6
- Marchino M, Rizzo F, Barzanti P, Sparasci OA, Bottino P, Vicari N, Rigamonti S, Braghin S, Aaziz R, Vorimore F, Ru G, Laroucau K, Mandola ML. Chlamydia Species and Related Risk Factors in Poultry in North-Western Italy: Possible Bird-to-Human Transmission for *C. gallinacea*. *Int J Environ Res Public Health*. 2022 Feb 15;19(4):2174. DOI: 10.3390/ijerph19042174
- Bottino P, Miglino R, Pastrone L, Barbui AM, Botta G, Zanotto E, Sidoti F, Costa C, Cavallo R. Clinical features of respiratory syncytial virus bronchiolitis in an infant: rapid and fatal brain involvement. *BMC Pediatr*. 2021 Dec 9;21(1):556. doi: 10.1186/s12887-021-03045-9.
- Spadea L, Zanotto L, Cavallo R, Campagna G, Giannico MI, Costagliola C, ELOOM Study Investigators. Effectiveness of Liposomal Ozonised Oil in Reducing Ocular Microbial Flora in Patients Undergoing Cataract Surgery. *J Cataract Refract Surg*. 2021. DOI: 10.1097/j.jcrs.0000000000000672
- Peradotto M, Rolle E, Zaccaria T, Cavallero S, Bondi A, Bottino P, De Angelis C, D'Amelio S, Saracco GM, Cavallo R. An unpleasant souvenir: Endoscopic finding of *Trichuris trichiura* (Nematoda: Trichuridae). *Parasitol Int*. 2021 Feb;80:102220. DOI: 10.1016/j.parint.2020.102220
- Mencucci R, Favuzza E, Bottino P, Mazzantini C, Zanotto E, Pellegrini-Giampietro D, Landucci E. A new ophthalmic formulation containing antiseptics and dexpanthenol: In vitro antimicrobial activity and effects on corneal and conjunctival epithelial cells. *Experimental Eye Research*. 2020;108269. DOI: 10.1016/j.exer.2020.108269
- Zanotto E, Allesina A, Barreca A, Sidoti F, Gallo E, Bottino P, Iannaccone M, Bianco G, Biancone L, Cavallo R, Costa C. Renal Allograft Biopsies with Polyomavirus BK Nephropathy: Turin Transplant Center, 2015-19. *Viruses*. 2020;12(9):E1047. DOI: 10.3390/v12091047
- Petrillo S, Carrà G, Bottino P, Zanotto E, De Santis MC, Margaria JP, Giorgio A, Mandili G, Martini M, Cavallo R, Barberio D, Altruda F. A Novel Multiplex qRT-PCR Assay to Detect SARS-CoV-2 Infection: High Sensitivity and Increased Testing Capacity. *Microorganisms*. 2020;8(7):1064. DOI: 10.3390/microorganisms8071064
- Carosso A, Revelli A, Gennarelli G, Canosa S, Cosma S, Borella F, Tancredi A, Paschero C, Boatti L, Zanotto E, Sidoti F, Bottino P, Costa C, Cavallo R, Benedetto C. Controlled ovarian stimulation and progesterone supplementation affect vaginal and endometrial microbiota in IVF cycles: a pilot study. *J Assist Reprod Genet*. 2020. DOI: 10.1007/s10815-020-01878-4
- Bottino P, Balloco C, Rittà M, Bianco G, Sidoti F, Cavallo R, Costa C. Evaluation of CMV DNA in dried blood spot. *The new Microbiologica*. 2020;43(2). PMID: 32310302
- Bottino P, Rapallo F, Gamalero E, Rocchetti A. Performance of a new combination of blood culture vials in sepsis detection: a 2-year retrospective comparison. *European Journal of Clinical Microbiology & Infectious Diseases*. 2019;38(8):1435 -1441. DOI: 10.1007/s10096-019-03568-1
- Rocchetti A, Di Matteo L, Bottino P, Foret B, Gamalero E, Calabresi A et al. Prospective study of the clinical performance of three BACTEC media in a modern emergency department: Plus Aerobic/F, Plus Anaerobic/F, and Anaerobic Lytic/F. *Journal of Microbiological Methods*. 2016;130:129 -132. DOI: 10.1016/j.mimet.2016.09.008
- Rocchetti A, Rapallo F, Bottino P, Mastrazzo A. Implementation of satellite blood-culture system in an emergency department: impact of time-to results in sepsis detection. *Microbiologia Medica*. 2016;31(2). DOI: 10.4081/mm.2016.5859

## Poster:

- Bottino P, Balloco C, Varetto S, Callipo A, Mantelli S, Piasentin EA, Frisicale L, Cuccu R, Alizzi S, Ranieri F, Arauco Rivera SR, Pastrone L, Zanotto E, Sidoti F, Costa C, Cavallo R. Molecular diagnosis of Cytomegalovirus infection: clinical performance of Transcription Mediated amplification (TMA) kit towards conventional qPCR chemistry on whole blood. 33rd International Congress ECCMID 2023.
- Bondi A, Barbui AM, Casale R, Bottino P, Costa C, Cavallo R. Valutazione del pannello multiplex biofire® joint infection per la diagnosi microbiologica di infezione articolare. 50° National Congress AMCLI 2023, Rimini.
- Bottino P, Balloco C, Varetto S, Callipo A, Mantelli S, Piasentin EA, Frisicale L, Cuccu R, Alizzi S, Ranieri F, Arauco Rivera SR, Zanotto E, Sidoti F, Costa C, Cavallo R. Pooling procedure for sars-cov-2 detection: comparison between qpcr and tma (transcription mediated amplification) chemistries. 50° National Congress AMCLI 2023, Rimini.
- Bottino P, Pastrone L, Alizzi S, Avolio M, Pittaluga F, Sacchi A, Zanotto E, Sidoti F, Costa C, Cavallo R. A case of legionella longbeachae pneumonia and clinical usefulness of serological differential diagnosis. 50° National Congress AMCLI 2023, Rimini.
- Zanotto E, Sidoti F, Bottino P, Costa C, Cavallo R. Evaluation of cellular response and production of Interferon- $\gamma$  to CMV in transplant patients. 6<sup>th</sup> National Congress SIV-ISV 2022.
- Zanotto E, Bottino P, Sidoti F, Costa C, Cavallo R. Epidemiology of Influenza A, B and RSV during the period of the SARS CoV 2 Pandemic. 6<sup>th</sup> National Congress SIV-ISV 2022.
- Bottino P, Zanotto E, Sidoti F, Pastrone L, Balloco C, Mantelli S, Varetto S, Frisicale L, Callipo A, Piasentin EA, Alizzi S, Cuccu R, Arauco Rivera SR, Ranieri F, Costa C, Cavallo R. Different diagnostic applications of a novel multiplex RT-qPCR assay for detection of SARS-CoV-2 infection. 32<sup>nd</sup> International Congress ECCMID 2022.
- Pastrone L, Curtoni A, Criscione G, Scaiola F, Sorba M, Bottino P, Iannaccone M, Cavallo R. Comparison of two different preparation protocols for MALDI-TOF MS Nontuberculous Mycobacteria identification: preliminary results. 32<sup>nd</sup> International Congress ECCMID 2022.
- Zanotto E, Bottino P, Sidoti F, Costa C, Cavallo R. Evaluation of the nasal microbiome in SARS-CoV-2 positive patients. XLIX National Congress AMCLI 2022, Rimini.
- Pastrone L, Curtoni A, Iannaccone M, Bottino P, Sorba M, Quaranta R, Benvenga V, Lombardo M, Dobric B, Costa C, Cavallo R. Impact of the first COVID-19 pandemic wave on the microbiological diagnosis of mycobacteria infections in a north-west italian tertiary teaching hospital. XLIX National Congress AMCLI 2022, Rimini.
- Bottino P, Zanotto E, Balloco C, Varetto S, Mantelli S, Frisicale L, Callipo A, Arauco Rivera S R, Cuccu R, Alizzi S, Pastrone L, Sidoti F, Costa C, Cavallo R. Implementation and evaluation of a qpcr kit for SARS-CoV-2 detection on the automated platform Panther Fusion system. XLIX National Congress AMCLI 2022, Rimini.
- Pastrone L, Curtoni A, Criscione G, Scaiola F, Sorba M, Bottino P, Iannaccone M, Costa C, Cavallo R. MALDI-TOF MS for nontuberculous mycobacteria identification: evaluation of two different preparation protocols. XLIX National Congress AMCLI 2022, Rimini.
- Bottino P, Zanotto E, Balloco C, Varetto S, Mantelli S, Frisicale L, Callipo A, Piasentin E A, Cuccu R, Arauco Rivera S R, Alizzi S, Pastrone L, Sidoti F, Costa C, Cavallo R. Reconfiguration of a clinical microbiology laboratory in response to COVID-19 emergency: one-year retrospective analysis in a North-West Italian tertiary teaching hospital. XLIX National Congress AMCLI 2022, Rimini.
- Sidoti F, Bottino P, Zanotto E, Balloco C, Varetto S, Mantelli S, Frisicale L, Callipo A, Cuccu R, Arauco Rivera S R, Alizzi S, Costa C, Cavallo R. SARS-CoV-2 saliva screening testing in schools: a Turin surveillance experience. XLIX National Congress AMCLI 2022, Rimini.
- Salerno C, Palin L, Milan I, Bottino P. Epidemiologia dell'infezione da SARS-COV-2 nel Piemonte orientale: valutazione retrospettiva nella provincia di Vercelli. XI National Congress SISMEC 2021.
- Bondi A, Bottino P, Peradotto M, Zanotto E, Barbui AM, Costa C, Cavallo R. *Haemophilus influenzae* serotype distribution in Piedmont (Italy): results of 8 years of surveillance. 31<sup>st</sup> International Congress ECCMID 2021.
- Zanotto E, Bottino P, Peradotto M, Barbui AM, Sidoti F, Costa C, Cavallo R. Development of a protocol for in vitro polymicrobial biofilm production. 31<sup>st</sup> International Congress ECCMID 2021.
- Zanotto E, Bottino P, Bondi A, Sidoti F, Costa C, Cavallo R. Characterisation of the ocular microbial flora in patients undergoing cataract surgery. 31<sup>st</sup> International Congress ECCMID 2021.
- Bottino P, Zanotto E, Genco M, Piva R, Mereu E, Sidoti F, Costa C, Cavallo R. Extraction bottleneck in the diagnosis of Sars-CoV-2: evaluation of an alternative protocol derived from veterinary use. 31<sup>st</sup>

International Congress ECCMID 2021.

- Bottino P, Zanotto E, Balloco C, Varetto S, Alizzi S, Sidoti F, Costa C, Cavallo R. SARS-CoV-2 diagnosis: implementation of a qPCR Kit on the automated platform Panther Fusion® system. 5<sup>th</sup> National Congress SIV-ISV 2021.
- Riccobono E, Spanu T, Allegrucci F, Tiberio C, Ambretti S, Bottino P, Ghisetti V, Lo Cascio G, Rossolini GM. Multi-centre study for the evaluation of BioFire FilmArray Pneumonia Plus for the rapid microbiological diagnosis of low respiratory tract infections. 30<sup>th</sup> International Congress ECCMID 2020, Paris.
- Peradotto M, Zaccaria T, Cavallero S, Bondi A, Bottino P, Costa C, D'Amelio S, Cavallo R. "Seek and ye shall find": endoscopic finding and molecular diagnosis of *Trichuris trichiura*. . 30<sup>th</sup> International Congress ECCMID 2020, Paris.
- Bottino P, Zanotto E, Balloco C, Callipo A, Frisicale L, Mantelli S, Piasentin AE, Varetto S, Sidoti F, Avolio M, Costa C, Cavallo R. valutazione dei test rapidi standard f influenza a/b fia e rsv ag fia (sd biosensor) nella rilevazione di patogeni respiratori. XLVIII National Congress AMCLI 2019, Rimini.
- Bondi A, Bottino P, Peradotto M, Zanotto E, Barbui AM, Sidoti F, Cavallo R. Isolamento di *saprochaete* spp da liquor in paziente ematologico con idrocefalo. XLVIII National Congress AMCLI 2019, Rimini.
- Bottino P, Di Vincenzo A, Zanotto E, Balloco C, Callipo A, Frisicale L, Mantelli S, Piasentin AE, Varetto S, Sidoti F, Avolio M, Costa C, Cavallo R. Valutazione di un pannello molecolare multiplex nell'identificazione e quantificazione di patogeni responsabili di infezioni delle basse vie respiratorie. XLVIII National Congress AMCLI 2019, Rimini.
- Bottino P, Grandi G, Costa C, Cavallo R. valutazione in vitro delle proprietà antisettiche di un collirio contenente poliesanide cloridrato e disodio edetato nei confronti di batteri implicati in infezioni oculari. XLVIII National Congress AMCLI 2019, Rimini.
- Bondi A, Bottino P, Peradotto M, Zanotto E, Barbui AM, Sidoti F, Cavallo R. Distribuzione dei sierotipi di *h.influenzae* causanti malattia invasiva nella popolazione piemontese dal 2012 al 2019. XLVIII National Congress AMCLI 2019, Rimini.
- Bertolini S, Barzanti P, Ru G, Rizzo F, Sparasci O, Braghin S, Moshe D, Bottino P, Sidoti F, Mandola ML. One Health applicata alla clamidiosi in Piemonte: risultati di uno studio cross-sectional per identificare i fattori di rischio per il pollame e l'uomo. XLIII National Congress AIE 2019, Catania.
- Zanotto E, Abbasciano I, Barreca A, Bottino P, Sidoti F, Costa C, Cavallo R. Retrospective analysis of Polyomavirus BK-associated nephropathy in kidney transplant patients from 2015 to May 2019. 3<sup>rd</sup> National Congress SIV-ISV 2019, Padova.
- Rizzo F, Sparasci AO, Braghin S, Boetti E, Olivieri G, Piumetti G, Vaschetti G, Bottino P, Curtioni A, Barzanti P, Vicari N, Mandola ML. Investigation of *Chlamydia* spp in poultry and humans in Northwest Italy. 13<sup>th</sup> International Congress EPIZONE 2019, Berlin.
- Bottino P, Zanotto E, Sidoti F, Balloco C, Varetto S, Callipo A, Mantelli S, Piasentin AE, Costa C, Cavallo R. Cytomegalovirus DNA extraction from dried blood spots: sensibility of two different methods of extraction at 1 month and 1 year from collection of samples. 29<sup>th</sup> International Congress ECCMID 2019, Amsterdam.
- Zanotto E, Brossa S, Cipriani R, Bottino P, Varetto S, Callipo A, Balloco C, Mantelli S, Piasentin AE, Sidoti F, Zaccaria T, Barbui A M, Cavallo R. Valutazione dell'analizzatore molecolare BD MAX – BD: confronto con tecniche colturali e molecolari per il rilevamento di patogeni sessuali ed enterici. XLVII National Congress AMCLI 2018, Rimini.
- Rocchetti A, Gamalero E, Fabio Rapallo, Bottino P. Performance of a new combination of blood culture vials in sepsis detection: a two-year retrospective comparison. 27<sup>th</sup> International Congress ECCMID 2017, Vienna.
- Bottino P, Gamalero E, Mazzeo R, Rocchetti A. Valutazione della performance clinica di 3 flaconi per emocoltura BACTEC: plus aerobic/f, plus anaerobic/f e lytic. XLV National Congress AMCLI 2016, Rimini.

#### Seminars

- 33<sup>rd</sup> International Congress ECCMID 2023, 15/04/2023 – 18/04/2023, Copenhagen
- 32<sup>nd</sup> International Congress ECCMID 2022, 23/04/2022 - 26/04/2022 (webinar)
- XLIX National Congress AMCLI 2022, 26/02/2022 - 01/03/2022, Rimini
- XI National Congress SISMEC 2021, 15/09/2021 - 17/09/2021 (webinar)
- 31<sup>th</sup> International Congress ECCMID 2021, 09/07/2021 - 12/07/2021 (webinar)
- 5<sup>th</sup> National Congress SIV-ISV 2021, 05/07/2021 - 06/07/2021 (webinar)
- 4<sup>th</sup> National Congress SIV-ISV 2020, 11/12/2020 (webinar)
- XXIV National Congress S.I.TRA.C. 2020, 20/02/2020 - 22/02/2020, Napoli

- Workshop “Hot topics in oftalmologia: rischio infettivo e nutraceutica”, 14/02/2020, Roma
- XLVIII National Congress AMCLI 2019, 09/11/2019 - 12/11/2019, Rimini
- 29<sup>th</sup> International Congress ECCMID 2019, 13/04/2019 - 16/04/2019, Amsterdam
- XLVII National Congress AMCLI 2018, 10/11/2018 - 13/11/2018, Rimini
- Workshop “Hologic Diagnostic Solutions Forum 2018”, 19/06/2018 - 20/06/2018, Amsterdam.
- 7th Gut Microbiota For Health World Summit 2018, 10/03/2018 - 11/03/2018, Roma.
- Training “La parassitologia, dalle basi alla pratica diagnostica. Micro-Young-Group: Advancement in Parasitology”, 23/10/2017-27/10/2017, Eboli.
- XLV National Congress AMCLI 2016, 06/11/2016 - 09/11/2016, Rimini.

#### Oral communications

- Corso FAD “conoscere e gestire il sistema della superficie oculare. Parte II - Antibiotico-resistenza e razionale degli antisettici in oftalmologia”, 23 Maggio 2023
- XLIX National Congress AMCLI 2022, “Reconfiguration of a clinical microbiology laboratory in response to COVID-19 emergency: one-year retrospective analysis in a North-West Italian tertiary teaching hospital”, 28 Febbraio 2022, Rimini
- 3 giorni della scienza 2021, “Lo sapevi che il virus...”, 29 Marzo 2021, Torino
- XXIV National Congress S.I.TRA.C. 2020, “Antibiotico resistenza in oftalmologia e razionale d'uso degli antisettici”, 21 Febbraio 2020, Napoli
- Workshop “Hot topics in oftalmologia: rischio infettivo e nutraceutica”, “Antibiotico resistenza in oftalmologia e razionale d'uso degli antisettici”, 14 Febbraio 2020, Roma
- XLVIII National Congress AMCLI 2019, “valutazione dei test rapidi standard f influenza a/b fia e rsv ag fia (sd biosensor) nella rilevazione di patogeni respiratori”, 11 Novembre 2019, Rimini

#### Scientific Reviewer for:

- Scientific Reports
- Gene Reports
- Clinical Transplantation
- Frontiers in Public Health
- Veterinary Medicine and Science
- Microorganisms

#### Projects

- SURVEIL (SvilUpo di una piattaforma di Vigilanza gEnomica per IL contrasto della pandemia Covid-19) project, UNIUPO / AO AL / Regione Piemonte
- Mission Belge B-LIFE au Piémont (Turin et Novara) dans le cadre de la reconstruction post-COVID”, CTMA / IREC-CUSL / UCL / Italian Civil Protection
- Current research 2016 IZS PLV 10/16 RC “Clamidie di derivazione avicola a potenziale zoonosico: un problema emergente in Europa” IZS Piemonte, Liguria, Valle D'Aosta

#### Membership

- National Orders of Biologists (ONB)
- European Society of Clinical Microbiology and Infectious Disease (ESCMID)
- Società Italiana Associazione Microbiologi Clinici Italiani (AMCLI)

#### References

- March 2018 – Membership ONB – Section A, personal ID: AA\_080028.
- November 2016 – Achievement of qualification to the profession of biologist, University of Torino.