

PERSONAL INFORMATION

Antonio Curtoni

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POSITION HELD

Staff Medical Doctor at S.C. Microbiologia e Virologia U., teaching hospital A.O.U. Città della Salute e della Scienza di Torino
Ph.D. student in Medical Physiopathology

QUALIFICATIONS

Medical Doctor specialist in Microbiology and Virology

WORK EXPERIENCE

September 2018 - present

Staff Medical Doctor at S.C. Microbiologia e Virologia U.

Director: Prof. Rossana Cavallo
A.O.U. Città della Salute e della Scienza di Torino

October 2017 - present

Ph.D. student in Medical Physiopathology

XXXIII Cycle, University of Turin
Tutor: Prof. Rossana Cavallo
Research project: *"Evaluation of new strategies to improve bloodstream infections' diagnostic workflow and Antimicrobial Stewardship"*

October 2017 - present

Teaching assistant

Nursery School ASL TO4 of the University of Turin
Prof. Sara Scutera
▪ Teaching: *"Microbiologia e Microbiologia Clinica"*

October 2017 – October 2018

Teaching assistant

Nursery School ASL "Città di Torino" of the University of Turin
Prof. Saverio Marena
▪ Teaching: *"Anatomia"*

September 2017 - August 2018

Research grant holder

Department of Public Health and Paediatrics of the University of Turin
Tutor: Prof. Rossana Cavallo
Research project: *"Improvement of bloodstream infections microbiological diagnostic workflow"*

December 2015 - July 2017

Phlebotomist

S.C. Banca del Sangue, Presidio Molinette
A.O.U. Città della Salute e della Scienza di Torino

April 2015 - July 2017

Phlebotomist

Fidas ADSP
Associazione Donatori di Sangue del Piemonte onlus

July 2012 - July 2017

Fellow in Microbiology and Virology

University of Turin
S.C. Microbiologia e Virologia U.
A.O.U. Città della Salute e della Scienza di Torino

EDUCATION AND TRAINING

- Ottobre 2017 **Post graduate degree in Microbiology and Virology**
 University of Turin
 Title of the thesis: "*Turnaround time reduction of microbiological diagnosis in bloodstream infections*"
 ▪ Score 70/70 cum laude
- Luglio 2011 **Master's degree in Medicine and Surgery**
 University of Turin
 Title of the thesis: "*Impatto clinico dei Beta-herpesvirus nel trapianto di polmone*"
 ▪ Score 105/110

PERSONAL SKILLS

Mother tongue Italian

Foreign language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
PET certificate in 2002 ESOL by Pitman in 2000					

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

Digital skills

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

Digital skills - Self-assessment grid

ECDL certificate on 14/03/2013

ADDITIONAL INFORMATIONS

- Publications
- *Carbapenem resistant Klebsiella pneumoniae in ICU-admitted COVID-19 Patients: Keep an eye on the ball.* J Glob Antimicrob Resist. 2020
 - *Reduction of turnaround time for non-tuberculous mycobacteria detection in heater-cooler units by propidium monoazide-real-time polymerase chain reaction.* J Hosp Infect. 2020
 - *An update on the treatment of cytomegalovirus infection after allogeneic hematopoietic stem cell transplantation.* Expert Rev Hematol, 2019
 - *Tailored combined cytomegalovirus management in lung transplantation: a retrospective analysis.* Ther Adv Respir Dis, 2019
 - *Neurological disease may precede lymphadenopathies in Actinomyces europaeus infection.* J Infect Public Health, 2017

- *Recurrent herpes labialis and HSV-1 herpes genitalis: which is the link?* Ital Dermatol Venereol. 2017
- *Persistently high-level polyomavirus BK replication in the absence of renal function abnormalities in a kidney transplant recipient.* Microbiologia Medica, 2016.
- *Rapid Identification of Microorganisms from Positive Blood Culture by MALDI-TOF MS After Short-Term Incubation on Solid Medium.* Curr Microbiol, 2017
- *Detection of human cytomegalovirus in transbronchial biopsies from lung transplant recipients.* Arch Virol, 2013
- *Evaluation of HCMV on transbronchial biopsies in lung transplant recipients.* Microbiologia Medica, 2011.
- *Detection of human rhinoviruses in the lower respiratory tract of lung transplant recipients.* Arch Virol, 2011
- *Quantitative detection of HHV-6 and HHV-7 in transbronchial biopsies from lung transplant recipients.* New Microbiol, 2011
- *Evaluation and significance of cytomegalovirus-specific cellular immune response in lung transplant recipients.* Transplant Proc, 2011
- *Molecular epidemiology of Epstein-Barr virus in adult kidney transplant recipients.* Transplant Proc, 2010
- *Quantitative detection of the new polyomaviruses KI, WU and Merkel cell virus in transbronchial biopsies from lung transplant recipients* J Clin Pathol, 2010
- *Herpesviruses Detection by Quantitative Real-Time Polymerase Chain Reaction in Bronchoalveolar Lavage and Transbronchial Biopsy in Lung Transplant: Viral Infections and Histopathological Correlation* Transplant Proc, 2010.
- *Development of Real Time RT-PCR Assays for Detection of Type A Influenza Virus and for Subtyping of Avian H5 and H7 Hemagglutinin Subtypes* Mol Biotechnol, 2010
- *Comparison of indirect and direct immunofluorescence for detection of Respiratory Syncytial Virus.* Microbiologia Medica, 2009

Oral communications

- *“Diagnostic Stewardship”.* CME Course: DITE: Un Programma di Antimicrobial Stewardship Condiviso – Torino, 28-29 September 2020
- *“Il ruolo della microbiologia nella Antimicrobial Stewardship nel 2020”.* La gestione delle infezioni da MDR: piano nazionale di contrasto all'antibiotico resistenza & Antimicrobial Stewardship: esperti a confronto – Torino, 4 June 2020
- *“Emocolture”.* Prevenzione, identificazione e trattamento della Sepsis – CME Course - Torino, 07 November 2019, 20 December 2019
- *“L'importanza della diagnosi rapida: Stewardship Diagnostica”.* Focus: Lotta alle infezioni correlate all'assistenza – Motore Sanità – Torino, 12 November 2019
- *“L'emocoltura”.* CME Course: Infezioni a 360 gradi – Torino, 11, 17 October 2019
- *“Identificazione della fonte infettiva: ruolo del microbiologo”.* CME Course: Progetto PDTA. Quali gli step per una gestione adeguata della sepsi nel 2019? – Turin, 16 September 2019
- *“Fast-track microbiologico”.* CME Course: Appropriately terapeutica nelle infezioni gravi; IgM-PIRO SCORE: dalla teoria alla pratica – Turin, 4 June 2019
- *“La sepsi vista dal microbiologo”.* CME Course: Il PDTA Aziendale per la gestione della sepsi nel paziente adulto – Turin, 28 May 2019
- *“Fast-Track microbiologico”.* CME Course: Clinical & Pharmacological Stewardship – PIDUN perspective – Turin, 21-22 March 2019
- *“Fast-track microbiologico”.* CME Course: Viewpoints Sabaudi – Turin 26 February 2019
- *“L'antibiogramma per l'Internista: dai meccanismi di resistenza all'interpretazione sulle basi dei criteri EUCAST v. 9.0.”* Journal Club of the Internal Medicine School of Specialization, Turin, 22 January 2019
- *“Nuove metodiche diagnostiche nelle malattie infettive”.* Corso: 10° Giornate Piemontesi di Medicina Clinica 2018 – Cuneo, 13 October 2018
- *“Raccolta, conservazione e invio campioni microbiologici”.* CME course title: “Infezioni: le buone pratiche per prevenirle e gestirle”. Turin, 21st, 30 May 2018
- *“Microbiologia clinica e beta-lattamasi: da ESBL a carbapenemasi”.* Course title: “Linee guida e pratica clinica Carbapenem-Sparing Strategies: una prospettiva regionale”. Turin, 22-23 March 2018
- *“Emocolture”.* CME course title: “Gestione e prevenzione delle infezioni legate all'assistenza in medicina”. Turin, 2nd, 16, 23 March 2018
- *“L'emergenza MDR nell'ecologia locale”.* Course title: “Antimicrobial Stewardship in ambiente critico: la gestione delle infezioni gravi e l'ottimizzazione della terapia antimicrobica in epoca di multidrug-resistant”. Turin, 5 October, 9 November, 7 December 2017
- *“Ruolo attuale della Microbiologia: dall'Ecologia alla Clinica”.* SIAARTI course: “Stewardship

- antibiotica del paziente con infezioni complesse in area critica". Turin, 26 June 2017
- "MALDI-TOF MS application in direct identification of microorganisms from positive blood culture". 3rd Italian experience in biomedical research: young minds at work. Desenzano del Garda, 23rd - 24 October 2015

Projects

- Nonprofit observational study: "Eurobact 2- Epidemiology and determinants of outcomes of hospital acquired blood stream infections in the Intensive Care". Principal investigator Giorgia Montrucchio MD at Department of Surgical Sciences of A.O.U. Città della Salute e della Scienza di Torino
- Nonprofit observational study: "Potential impact on antibiotic treatment decisions of fast microbiological report of positive blood cultures". Principal investigator Prof. Rossana Cavallo at S.C. Microbiologia e Virologia U. of A.O.U. Città della Salute e della Scienza di Torino
- Research project: Ricerca Corrente 2016 IZS PLV 10/16 RC "Clamidio di derivazione avicola a potenziale zoonosico: un problema emergente in Europa". Principal investigator Dott.ssa Maria Lucia Mandola of Experimental Institute of Zooprophyllaxis Piedmont, Liguria and Aosta Valley
- Research project: Ricerca Corrente 2013 IZS PLV 07/13 RC "Oltrepassare le barriere: costruzione di un sistema integrato per l'individuazione e caratterizzazione di stipiti virali influenzali di origine suina e avicola a potenziale zoonosico e pandemico" Principal investigator Dott.ssa Maria Lucia Mandola of Experimental Institute of Zooprophyllaxis Piedmont, Liguria and Aosta Valley

Membership

- European Society of Clinical Microbiology and Infectious Disease (ESCMID)

Privacy

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

Turin, 30/11/2020

Signature
