



CURRICULUM VITAE EUGENIO PONTIERI

PERSONAL INFORMATION	Eugenio Pontieri Dep. Biotechnological and Applied Clinical Sciences, University of L'Aquila Street Vetoio – 67100 Coppito (AQ) Edificio “Angelo Camillo De Meis” - COPPITO 2 – 1st Floor - Corridor A – Room 61 e-mail eugenio.pontieri@univaq.it
CURRENT POSITION	Confirmed Researcher (Assistant Professor) S.S.D. MED/07 (Microbiology and Clinical Microbiology)
EDUCATION OTHER QUALIFICATIONS	1987: Degree in Biological Sciences, University of Rome “La Sapienza”. Honor 107/110 1988: Professional Biologist qualification, University of Rome “La Sapienza” 1995: PhD in Experimental Medicine, University of L'Aquila - Italy 1996-1998: Post-PhD research grant, Dep Experimental Medicine, University of L'Aquila - Italy 1999-2000: Post-PhD research grant, Dep Experimental Medicine, University of L'Aquila - Italy 2001: Post-PhD research grant, Dep Experimental Medicine, University of L'Aquila - Italy September 1st 2002 to date: Researcher in “Microbiology and Clinical Microbiology” S.S.D. MED/07 at University of L'Aquila - Italy
ACADEMIC APPOINTMENTS	Member of the PhD Program Committee in “Experimental Medicine” XXV cycle, University of L'Aquila, Italy Member of the PhD Program Committee in “Experimental Medicine” XXVI cycle, University of L'Aquila, Italy Member of the PhD Program Committee in “Experimental Medicine” XXVII cycle, University of L'Aquila, Italy



TEACHING ACTIVITY	<p>Teaching Activity in Microbiology and Clinical Microbiology (S.S.D. MED/07)</p> <p><u>AA 2009-2010; 2010-2011</u> 1st cycle degree course: Biotechnology Single 2nd cycle degree course: Medical Biotechnology</p> <p><u>AA 2011-2012</u> 1st cycle degree course: Biotechnology. Single 2nd cycle degree course: Medical Biotechnology Single 2nd cycle degree course: Dentistry</p> <p><u>AA 2012-2013</u> 1st cycle degree course: Biotechnology. Single 2nd cycle degree course: Medical Biotechnology Single 2nd cycle degree course: Dentistry</p> <p><u>AA 2013-2014</u> Single 2nd cycle degree course: Medical Biotechnology Single 2nd cycle degree course: Medicine and Surgery</p> <p><u>AA 2014-2015; 2015-2016; 2016-2017; 2017-2018; 2018-2019</u> Single 2nd cycle degree course: Medical Biotechnology Single 2nd cycle degree course: Medicine and Surgery Specialization School: Hygiene and Preventive Medicine</p> <p><u>AA 2019-2020; 2020-2021</u> Single 2nd cycle degree course: Medical Biotechnology Single 2nd cycle degree course: Medicine and Surgery Specialization School: Hygiene and Preventive Medicine</p>
RESEARCH ACTIVITY	<p>1986-1987: Laboratory of Molecular Biology, Department of Genetics and Molecular Biology, University of Rome "La Sapienza". Graduate training for thesis work "Developing of plasmids containing the transposable elements Ty and their expression in the heterologous system of <i>Schizosaccharomyces pombe</i>"</p> <p>1987-88: annual post-graduate training. 1st half-yearly Dep. Genetics and Molecular Biology, 2nd half-yearly Dep. Developing and Cellular Biology. University of Rome "La Sapienza. Field of research "Molecular characterization of pathogenic yeasts"</p> <p>1988-1991. Fellow of Bacteriology and Medical Microbiology Laboratory of ISS, Rome, Italy. Field of research "Molecular characterization of opportunistic pathogenic fungi of <i>Candida</i> genus"</p> <p>1990-1995. PhD programme in "Experimental Medicine" VI cycle University of L'Aquila, Italy. Field of research: "Phenotypic and genomic analysis of <i>Candida parapsilosis</i> isolates" Thesis "Genetic heterogeneity in clinical and soil isolates of <i>Candida parapsilosis</i>. Correlation among phenotypic characters, virulence factors, experimental pathogenicity and genomic analysis</p> <p>1996-1998. Post PhD grant. University of L'Aquila, Italy. Field of research: "ras gene in <i>Candida</i> genus isolates"</p> <p>1999-2001. Post PhD grant. University of L'Aquila, Italy. Field of research: Developing of molecular diagnostic methods for opportunistic pathogenic</p>



	<p>funghi”</p> <p>2001-2002. Post PhD grant. University of L’Aquila. Field of research: Molecular diagnostic kits for emergent pathogenic fungi”</p> <p>September 1st, 2002/to date: Researcher in “Microbiology and Clinical Microbiology”, S.S.D. MED/07, at University of L’Aquila</p> <p>Field of research:</p> <ul style="list-style-type: none">•Characterization of antimicrobial properties of Lactic Acid Bacteria (LAB) and their use as probiotics in food and clinical fields•Chromogenic media and molecular methods (PFGE, RAPD, MLST) in Bacterial e Fungal Diagnostic•Molecular Analysis of Antibiotic Resistance <p>Analysis and Identification of Microorganisms in Food and Water matrices</p> <p>Scientific Responsible of University Research Funds (ex 60% and RIA) Department of Experimental Medicine/ Department of Applied and Clinical Sciences and Biotechnology, University of L’Aquila</p> <p>Prin 2005: Partecipant in the Research Program. Project title: “Sviluppo di biosensori batterici per il rilevamento di antibiotici in campioni di alimenti di origine animale”. Principal investigator Brunello Oliva Scientific investigator Brunello Oliva Protocollo 2005064170_001.</p> <p>2019. Responsabile Scientifico dei fondi Universitari di ricerca “Progetto di ricerca speciale: RIA 2019” Titolo progetto “Characterization and evaluation of lactic acid bacteria from environmental, food or vaginal sources as probiotic candidates” Department of Biotechnological and Applied Clinical Sciences. University of L’Aquila.</p>
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RESPONSIBILITY IN ACADEMIC ACTIVITIES	Delegate DISCAB for educational workshops (Area Bio-Med) y. 2021-2023
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SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS	Scopus Author ID: 6603257637 http://orcid.org/0000-0001-6843-7178
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SELECTED PUBLICATIONS	<ol style="list-style-type: none">1. Marchetti E, Mummolo S, Mancini L, Quinzi V, Pontieri E, Marzo G e Campanella V. “Decontaminazione nello studio odontoiatrico: valutazione di un nuovo principio attivo”. Dental CADMOS 2021; 89(3)pp.200-206 Doi: 10-19256/d.cadmos.03.2021.062. Pontieri E. Chapter 8 “The Staphylococcal Hemolysins”. In “Pet-to-man travelling staphylococci” V. Savini Ed. Academic Press. ElsevierInc. 2018.Pp103-116. ISBN-B978-0-12-813547-1. Doi: 10.1016/B978-0-12-813547-1.00008-X3. Savini V, Marrollo R, Verzulli S, Pontieri E, Fazii P, Creti R. GeneXpert-negative Group B streptococci detected by Accelerate PhenoTM System. Vet Microbiol. 2018. 217:64-65 doi: 10.1016/j.vetmic.2018.02.0294. Pontieri E. Chapter 2 “<i>Bacillus cereus</i> Group Diagnostics: Chromogenic Media and Molecular Tools”. In “The Diverse Faces of
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- Bacillus cereus* Group" V. Savini Ed. Academic Press. ElsevierInc. 2016. pp.15-33 ISBN 978-0-12-801474-5. Doi: 10.1016/B978-0-12-801474-5.00002-5
5. Perilli M, Sabatini A, Pontieri E, Celenza G, Segatore B, Bottoni C, Bellio P, Mancini A, Marcoccia F, Brisdelli F, and Amicosante G. OXA-23 Carbapenemase in Multidrug-Resistant *Acinetobacter baumannii* ST2 Type: First Identification in L'Aquila Hospital (Italy). *Microbial Drug Res.* Not available, ahead of print. doi:10.1089/mdr.2014.0056. Oct. 2. 2014
 6. Alessiani A, Sacchini L, Pontieri E, Gavini J, Di Giannatale E. Molecular typing of *Salmonella enterica* subspecies *enterica* serovar Typhimurium isolated in Abruzzo region (Italy) from 2008 to 2010. *Vet. Ital.* 2014 Mar 31; 50(1): 31-39. doi: 10.12834/VetIt.1304.07
 7. Perilli M, Bottoni C, Pontieri E, Segatore B, Celenza G, Setacci D, Bellio P, Strom R, Amicosante G. "Emergence of *bla*_{KPC-3}-Tn4401 in *Klebsiella pneumoniae* ST512 in the municipal wastewater treatment plant and in the university hospital of a town in central Italy". *J Global Ant. Res.* 2013; 1 (4): 217-220. doi: 10.1016/j.jgar.2013.07.002.
 8. Ferrini AM, Mannoni V, Pontieri E, Pourshaban M. "Longer resistance of some DNA traits from BT176 maize to gastric juice from gastrointestinal affected patients" *Int J Immunol Pathol* 2007; vol. 20(1):111-118. doi: 10.1177/039463200702000113
 9. Ferrini AM, Mannoni V, Aureli P, Salvatore G, Piccirilli E, Ceddia T, Pontieri E, Sessa R, Oliva B "Melaleuca alternifolia essential oil possesses potent anti-staphylococcal activity extended to strains resistant to antibiotics" *Int J Immunol Pathol* 2006; vol.19(3):539-544. doi: 10.1177/039463200601900309
 10. Pontieri E, Caracciolo C, Ceddia T, Oliva B, Ferrini A, Girmenia C, D'Antonio D. "Genetic variabilità among *Blastoschizomyces capitatus* isolates from different clinical sources" *Int J Immunol Pathol* 2005; vol. 18 (3): 531-539
 11. D'Antonio D, Parruti G, Pontieri E, Di Bonaventura G, Manzoli L, Sferra R, Vetuschi A, Piccolomini R, Romano F, Staniscia T "Slime production by clinical isolates of *Blastoschizomyces capitatus* from patients with hematological malignancies and catheter-related fungemia" *Eur J Clin Microbiol Infect Dis* 2004; Sep 10. doi: 10.1007/s10096-004-1207-4
 12. Contino G, Amati F, Pucci S, Pontieri E, Pichiorri F, Novelli A, Botta A, Mango R, Nardone AM, Sangiuolo F, Citro G, Spagnoli L, Novelli G. "Expression analysis of the gene encoding for the U-box-type ubiquitin ligase UBE4A in human tissues" *Gene.* 2004; Mar 17;328:69-74. doi: 10.1016/j.gene.2003.11.017
 13. Radaelli A, Paganini M, Basavecchia M, Elli V, Neri M, Zanotto C, Pontieri E, De Giuli Morghen C "Identification, molecular biotyping and ultrastructural studies of bacterial communities isolated from two damaged frescoes of St Damian's Monastery in Assisi". *Lett Appl Microbiol.* 2004;38(6):447-53.
 14. Oliva B, Piccirilli E, Ceddia T, Pontieri E, Aureli P and Ferrini AM "Antimycotic activity of *Malaleuca alternifolia* essential oil and its major components" *Lett. Appl. Microbiol* 2003; 37(2): 185-187. doi: 10.1046/j.1472-765x.2003.01375.x
 15. D'Antonio D, Romano F, Pontieri E, Fioritoni G, Caracciolo C,



- Bianchini S, Oliosio Paola, Staniscia T, Sferra R, Boccia S, Vetuschi A, Federico G, Gaudio E and Carruba G. "Catheter related candidemia caused by *Candida lipolytica* in a patient receiving allogenic bone marrow transplantation" *J Clin Microbiol* 2002; 40:1381-1386.
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18. Pontieri E, Sferra R, Vetuschi A, Gaudio E and Carruba G. "Variation of slime production and ultrastructural analysis in clinical and soil isolates of *Candida parapsilosis*" *Microbial Ecol Health Dis* 1998; 10:17-24
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