



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Fabrizio Pantanella**
Address(es) Dip. Di Sanità Pubblica e Malattie Infettive, Sapienza University of Rome, p.le A. Moro 5-00185-Roma-Italy
Telephone(s) +390649914638 Mobile:
Fax(es)
E-mail fabrizio.pantanella@uniroma1.it
Nationality italy
Date of birth 1961
Gender M

Occupational field

MED/07 Microbiology.
He works in the field of general and clinical microbiology, biotechnology and nanotechnology applied to medicine at the laboratories of the Department of Public Health and Infectious Diseases of Sapienza University of Rome and collaborates with researchers from various universities. Bacterial biofilm; quorum sensing and natural substances with antimicrobial activity are the main areas of current interest.

Work experience

Dates
Occupation or position held researcher
Main activities and responsibilities teaching and research
Name and address of employer
Sector

Education and training

Dates Add separate entries for each relevant course you have completed, starting from the most recent.
Title of qualification awarded degree in natural sciences
Name and type of organisation providing education and training Sapienza University of Rome

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English
German

English and German

Understanding		Speaking		Writing	
Listening		Reading		Spoken interaction	
B1	B2	B1	B1	B2	
B1	B2	A2	A2	A2	

	(*) Common European Framework of Reference for Languages
Additional information	Include here any other information that may be relevant, for example contact persons, references, etc.
Receiving	

Annexes List any items attached.

Scientific Publication

- 1 M.C.Thaller, F.Berlotti, **F. Pantanella**, R. Pompei, G. Satta. Modified Mac Conkey Medium allows simple and reliable identification of *Providencia stuartii*. **Journal of Clinical Microbiology**. 1992: 30. 2054–2057.
- 2 F. Berlotti, M.C. Thaller, S. Schippa, **F. Pantanella**, R. Pompei. A new approach to use of bacteriolytic enzymes as a tool for species identification: selection of species specific indicator strains with bacteriolytic activity toward *Enterococcus* strains. **International Journal of Systematic Bacteriology**. 1993: 43. 63–68.
- 3 F.Berlotti, M.C. Thaller, G.M. Rossolini, **F. Pantanella**, S. Schippa, R. Pezzi. Production of bacteriolytic enzymes as a tool for characterizing *Enterococci*. **Journal of Applied Bacteriology** 1996: 80. 447–452. **F. Pantanella**, G.Petrone, C. Passariello, L. Selan, M.C. Thaller, P. Valenti. Invasion of human cultured cells by *Prevotella nigrescens*. **International Journal of Immunopathology and Pharmacology**. 1999 Sep;12(3):143–148.
- 5 M.C. Thaller, F. Berlotti, S.Schippa, P.Iori, C.Passariello, **F. Pantanella**, L.Selan, M.L.Ricci, L.Lauretti, G.M.Rossolini, R.Pezzi. Le fosfatasi acide batteriche aspecifiche: classi A,B,C. **Igiene Moderna** 1999: 112, 417–436.
- 6 Gian Maria Rossolini, M.Adelaide Condemi, **Fabrizio Pantanella**, Jean Denis Docquier, Gianfranco Amicosante, Maria Cristina Thaller. Metallo- β -Lactamase Producers in Environmental Microbiota: New Molecular Class B Enzyme in *Janthinobacterium lividum*. **Antimicrobial Agents and Chemotherapy**. 2001:45, 837–844.
- 7 Jean-Denis Docquier, **Fabrizio Pantanella**, Francesco Giuliani, Maria Cristina Thaller, Gianfranco Amicosante, Moreno Galleni, Jean-Marie Frère, Karen Bush, Gian Maria Rossolini, CAU-1, a Subclass B3 Metallo- β -Lactamase of Low Substrate Affinity Encoded by an Ortholog Present in the *Caulobacter crescentus* Chromosome. **Antimicrobial Agents and Chemotherapy** 2002: 46,1823–1830.
- 8 F. Scazzocchio, F.D. D'Auria, D. Alessandrini, **F. Pantanella**. Multifactorial aspects of antimicrobial activity of propolis. **Microbiol Res**. 2006; 161(4):327–33
- 9 **F. Pantanella**, F. Berlotti, C. Passariello, S. Sarli, C. Morea, S. Schippa. Violacein and bioactive production in *Janthinobacterium lividum*. **J. Appl. Microbiology** 2007 Apr;102(4):992–9.
- 10 Iolanda Santino, Francesca Berlotti, **Fabrizio Pantanella**, Rosa Sessa, Massimo del Piano. Detection of *Borrelia burgdorferi* sensu lato DNA by PCR in serum of patients with clinical symptoms of Lyme borreliosis. **FEMS Microbiology Letters**. 2008 Jun;283(1):30–5.
- 11 **Pantanella F.**, Valenti P., Frioni A., Natalizi T., Coltell L., Berlotti F. BioTimer Assay, a method for counting Staphylococcus spp. in biofilm without sample manipulation applied to evaluate antibiotic susceptibility of biofilm. **Journal of Microbiological Methods**. 2008 Dec;75(3):478–84. ISSN: 0167–7012
- 12 Berlotti F, **Pantanella F**, De Giusti M, Tufi D, Valenti D, Boccia A. FoodBioTimerAssay: a microbiological biosensor for detection of Escherichia coli food contamination. **Italian Journal of Public Health**. 2008 vol. 5(3), pp. 233–240 ISSN: 1723–7807.
- 13 Santino I, Sessa R, **Pantanella F**, Tomao P, Di Renzi S, Martini A, Nicoletti M, Del Piano M. Detection of different *Borrelia burgdorferi* genospecies in serum of people with different occupational risks: short report. **Int. J. Immunopathol Pharmacol**. 2009 Apr-Jun;22(2):537–543.
- 14 Paesano R, Berlotti F, Pietropaoli M, Pantanella F, Pacifici E, Goolsbee W, Valenti P.: Lactoferrin efficacy versus ferrous sulfate in curing iron deficiency and iron deficiency anemia in pregnant women. **Biometals**. 2010 Apr 21.
- 15 A. Frioni, T. Natalizi, M. Tendini, A. Fraveto, **F. Pantanella**, F. Berlotti, M. Pietropaoli, D. Passeri, M.L. Terranova, M. Rossi, P. Valenti: Biotimer Assay for counting bacterial biofilm. **Biophysics and Bioengineering Letters**, 2010 Vol 3, No 2.
<http://ojs.uniroma1.it/index.php/CISB-BBL/article/view/8897>

Works
Textbooks (Chapters, etc.) Oral Microbiology and Immunology " R.J. Lamont, R. A. Burne, M. S. Lantz, D. J. Leblanc- ASM American Society for Microbiology-2008-cod ISBN=978-88-86669-74-0- chapters 7-8, (pag. 137-201) First italian edition EMSI press (Edizioni Mediche Scientifiche Intenrazionali) 2010.