

Curriculum Vitae SPEZIALE PIETRO

Doctorate in Biochemistry at the University of Pavia, Italy 1975.

- In 1980 Dr. Speziale trained as a biochemist in Helsinki (Finland) where he was introduced to the study of extracellular matrix proteins.
- In 1981 he moved to the University of Alabama in Birmingham (USA) where his interest was primarily devoted to studying the mechanism of bacterial adhesion to host' substrates.
- Several periods abroad (Swedish University of agricultural Sciences, Department of Microbiology, Uppsala, Sweden) (Department of Microbiology, Trinity College, Dublin, Ireland), (the Texas A&M University System Health Science Center, Houston, Texas, USA).
- His main scientific interests involve analysis of the immunological, biochemical and biophysical properties of Gram-positive (staphylococci and streptococci) adhesins for plasma and extracellular matrix proteins and studies on bacterial proteins that interfere with complement activity. The research activity of Dr. Speziale is also focused on the identification of new staphylococcal surface proteins involved in biofilm formation and biochemical and physical mechanisms that disrupt biofilm integrity.

Academic career:

- Associate Professor at the University of Pavia, 1983-1986.
- Full Professor of Biochemistry at the University of Pavia Medical School, 1986- to present.
- Director Department of Biochemistry, University of Pavia (2000-2006)
- Dr. Speziale is the co-author of 100 publications *in extenso* on international journals, several book chapters and five international patents.

Presently: Co-Editor of the International Journal "BMC Microbiology".

Journal Peer Reviewer: Journal of Biological Chemistry; Infection and immunity; Microbiology; Vaccine; Toxicon; BMC Microbiology; FEMS Microbiology Review; Cellular Microbiology.

Granting Agency Reviewer: The Welcome Trust, London; Deutsche Forschungsgemeinschaft (German Research Foundation) (Transregional Research Centre 34).