

## Marina Scillato



Postdoc

Work: University of Catania, Dept. of Biomedical and Biotechnological Sciences

Lab. M.M.A.R

Via Androne, 81

95024 Catania (Italy)

Work phone: 0952504742

email: marina.scillato@gmail.com

## OVERVIEW

Dr. Marina Scillato is a postdoc of M.M.A.R lab of University of Catania. Her principal research is focused on screening and use of microorganisms in the prevention of infections of the upper respiratory tract and characterization of genetic elements that convey genes encoding bacteriocins. In addition, her research includes studies of molecular mechanisms responsible for antibiotic resistance in streptococci and enterococci; identification and molecular characterization of pathogenic strains from pathological samples, in particular *S. pneumoniae* and *S. pyogenes* strains.

## EDUCATION

- **October 2005:** Biological Sciences Degree Course; University of Catania
- **October 2009:** Specialization in Microbiology and Virology; University of Catania
- **February 2015:** Doctorate in International doctorate in Biology, Human and Bioinformatic Genetics: cellular and molecular phenotype bases, cycle XXVI; University of Catania

## PUBLICATIONS

- Rapidly Fatal Hemorrhagic Pneumonia and Group A Streptococcus Serotype M1  
Santagati M; Spanu T; **Scillato M**; Santangelo R; Cavallaro F; Arena V; Castiglione G; Falcone M; Venditti M; and Stefani S. *Emerging Infectious Diseases* Vol.20, No. 1 January 2014
- Bacteriocin-producing oral streptococci and inhibition of respiratory pathogens.  
Santagati M, **Scillato M**, Patanè F, Aiello C, Stefani S.  
*FEMS Immunol Med Microbiol.* 2012 Jan 13.
- Conjugal mobilization of the mega element carrying *mef(E)* from *Streptococcus salivarius* to *Streptococcus pneumoniae*.  
Santagati M, Lupo A, **Scillato M.**, Di Martino A, Stefani S.  
*FEMS Microbiol Lett.* 2009 Jan 1; 290(1):79-84. Epub 2008 Nov 14.