

## ***Curriculum Vitae***

**Viola Camilla Scoffone**

### **PERSONAL INFORMATION**

Name: **Viola Camilla**

Surname: **Scoffone**

Date of birth: 04-01-1985

Nationality: Italian

### **EDUCATION/TRAINING:**

- **October 2009 - October 2012: PhD Student** in Genetic and Biomolecular Sciences, Doctoral Degree School at the University of Pavia.  
**Thesis title:** “Part I Regulatory aspects of NAD biosynthesis in *Bacillus subtilis*-Part II Strain improvement for  $\gamma$ -PGA production in *Bacillus subtilis*.”  
**Scientific supervisor:** Prof. Alessandra M. Albertini. Laboratory of Molecular Genetics, Department of Biology and Biotechnology, University of Pavia.
- **October 2007 - September 2009: Master Degree** in “Biologia Sperimentale ed Applicata”, at the University of Pavia.  
**Thesis title:** “Regolazione trascrizionale della sintesi *de novo* del NAD in *Bacillus subtilis*: analisi mutazionale del regolatore NiaR.  
Scientific supervisor: Prof. Alessandra M. Albertini. Laboratory of Molecular Genetics, Department of Biology and Biotechnology, University of Pavia.  
Final mark: 110/110 cum laude
- **September 2004 - July 2007: Bachelor Degree** in “Biotecnologie” at the University of Pavia.  
**Thesis title:** “Costruzione di un ceppo di *Bacillus subtilis* per la mutagenesi mirata di NadR, regolatore della sintesi *de novo* del NAD(P)”.  
**Scientific supervisor:** Prof. Alessandra M. Albertini. Laboratory of Molecular Genetics, Department of Biology and Biotechnology, University of Pavia.  
Final mark: 109/110

### **POSITIONS and RESEARCH ACTIVITY**

**January 2021 – Today** Postdoc, under the supervision of Dr. Giulia Barbieri and Dr. Silvia Buroni, Department of Biology and Biotechnology, University of Pavia. **Research fields:** 1) characterization of a *Streptococcus agalactiae* strain carrying the deletion of the gene *codY*  
2) molecular characterization of a new drug effective against *Staphylococcus aureus*  
*Pseudomonas aeruginosa* and *Burkholderia cenocepacia*.

**September 2019** Visiting researcher at the Laboratory of Dr. Giulia Manina, Microbial Individuality and Infection Unit, Department of Cell Biology & Infection, Institute Pasteur, Paris.

**June 2018** Visiting researcher at the Laboratory of Dr. Giulia Manina, Microbial Individuality and Infection Unit, Department of Cell Biology & Infection, Institute Pasteur, Paris.

**January 2018 – December 2020** Postdoc, on translational research, Department of Biology and Biotechnology, University of Pavia. **Research fields:** studies on the *B. cenocepacia* cell division machinery. (Assegno di tipo A e B)

**November 2016 – December 2017** Postdoc, under the supervision of Prof. Giovanna Riccardi, Department of Biology and Biotechnology, University of Pavia. **Research fields:** molecular characterization of the cellular target of a new drug effective against *Burkholderia cenocepacia*. (Assegno di tipo B).

**November 2015 – November 2016** Fellowship granted by the Italian Cystic Fibrosis Research Foundation, research project: “Inhalable formulations of new molecules effective against *Burkholderia cenocepacia*: from *in vitro* to *in vivo* applications” (FFC#19/2015), under the supervision of Prof. Giovanna Riccardi, Department of Biology and Biotechnology, University of Pavia. **Research fields:** 1) identification and characterization of the cellular target of new drugs effective against *Burkholderia cenocepacia*; 2) studies on AHL-synthases of *B. cenocepacia*.

**November 2013 – November 2015** Postdoc, under the supervision of Prof. Giovanna Riccardi, Department of Biology and Biotechnology, University of Pavia. **Research fields:** identification and characterization of new drugs active against *Burkholderia cenocepacia* and *Mycobacterium tuberculosis*. Studies on the role of RND drug efflux transporters in the intrinsic antibiotic resistance of *Burkholderia cenocepacia*. (Assegno di tipo B).

**November 2012 - November 2013** Fellowship funded by the Italian Cystic Fibrosis Research Foundation, on the research project: “A very promising drug against *Burkholderia cenocepacia*” (FFC Project#10/2012), under the supervision of Prof. Giovanna Riccardi, Department of Biology and Biotechnology, University of Pavia. **Research fields:** characterization of efflux pumps as mechanism of resistance in *B. cenocepacia*. Expression and purification of RND-4 efflux pump of *B. cenocepacia*, studies on the TetR family transcriptional regulator of the RND-4, BCAL2823 in *B. cenocepacia*.

- **Graduate Career: October 2009 - October 2012** PhD student at the Laboratory of Molecular Genetics, under the supervision of Prof. Alessandra M. Albertini and Prof. Alessandro Galizzi, Department of Biology and Biotechnology, University of Pavia. **Research fields:** studies on the transcriptional regulation of NAD biosynthesis in *Bacillus subtilis*. Site directed mutagenesis of the NiaR regulator, expression and purification of recombinant NiaR and NiaR mutants. The NAD pathways of selected mutants were evaluated *in vivo*, by extensive microbiological techniques, and *in vitro* by biochemical assays.  
Characterization of *B. subtilis* natural polymer  $\gamma$ -PGA: expression and purification.

- **Early career: 2006-2009** Thesis internship at the Laboratory of Molecular Genetics, under the supervision of Prof. Alessandra M. Albertini, Department of Biology and Biotechnology, University of Pavia. **Research fields:** studies on the NAD biosynthesis regulation in *B. subtilis*.

## TEACHING EXPERIENCES:

**From 2007 to 2013:** Tutor of “Genetica II e Laboratorio” course of Bachelor degree in Biotechnology (curriculum biomolecolare) and of “Genetica II e Laboratorio di metodologie genetiche” course of Bachelor degree in Biological Sciences (curriculum biomolecolare).

**From 2017 to today:** Tutor of “Laboratorio integrato di Biotecnologie molecolari; modulo di Microbiologia”, course of Bachelor degree in Biotechnology.

January 2021: Seminars for “Laboratorio Integrato di Biotecnologie molecolari; modulo di Microbiologia” (6 hours), course of Bachelor degree in Biotechnology.

**From 2018 to today:** “Cultore della Materia BIO/19 – Microbiologia generale”

Co-supervisor of 13 thesis: Bachelor degree in Biotechnology (5); Bachelor degree in Biological Sciences (2); Master degree in Advance Biotechnology (3); Master degree in Experimental and Applied Biology (1) and Master degree in Molecular Biology and Genetics (2).

## TECHNICAL SKILLS AND COMPETENCES

### Microbiological techniques

Growth and manipulation of different microorganisms, including *Escherichia coli*, *Bacillus subtilis*, *Burkholderia cenocepacia*, *Staphylococcus aureus* and *Pseudomonas aeruginosa*. Screening of bacterial phenotypes (biofilm formation, swimming and swarming motility, protease production, siderophores production). Minimal inhibitory concentration (MIC) determination of antibiotics and other compounds.  $\beta$ -galactosidase activity assays.

### Molecular and cellular biology techniques

Methods for analysis and manipulation of nucleic acids, recombinant DNA cloning techniques, DNA and RNA extraction from bacterial cells, site directed mutagenesis. DNA fluorescent labeling. Rapid amplification cDNA Ends (5' RACE), Real time PCR.

Recombinant protein expression and purification, FPLC and HPLC chromatography techniques. Western-blotting. Spectrophotometric assays. Protein crystallization techniques. *In vitro* protein-DNA interaction analysis through Electrophoretic mobility shift assay (EMSA).

Fluorescence microscopy – Live cell imaging. Time lapse microscopy. Electron microscopy (TEM) basic techniques.

## LANGUAGES:

Mother tongue: Italian

English: good knowledge

## COMPUTER SKILLS:

Thorough knowledge of Windows and Mac operating systems.

Excellent knowledge of Office Suite (Word/Excel/PowerPoint/Publisher), Adobe Photoshop and Adobe Illustrator.

Specific programs: Image J, Invitrogen VectorNTI, GeneConstruction Kit, Swiss-PDBViewer, JMol.

Bioinformatics tools: BLAST, ClustalW, Chromas, Primer3, EXPASY proteomics server, RAST annotation server and NCBI database.

### **Awards:**

- Gerd Döring Award 2017 from European Cystic Fibrosis Society.
- Awarded with a Post-Doctoral fellowship on translational research at the Department of Biology and Biotechnology, University of Pavia.

### **Reviewer activity:**

Reviewer for research articles in the field of molecular microbiology: Antibiotics-Basel, Microorganisms, Molecules. Reviewer board member of Antibiotics and review editor of Frontiers in Microbiology and Frontiers in Genetics.

### **Membership:**

Member of the Italian Society of General Microbiology and Microbial Biotechnology (SIMGBM).

### **Participation to national and international projects:**

- From January 2021 to present: Participant to the project 2017-0785 “Exploring the role of the transcriptional regulator CodY in the pathogenesis of neonatal Group B streptococcal meningitis” founded by Cariplo foundation, (PI: Dr. Giulia Barbieri, University of Pavia, Italy).
- From 2019 to present: Participant to the project “Next-generation antibacterials: new targets for old drugs and new drugs for old targets” which was funded by the Italian Ministry of Research under the PRIN 2017. (PI: Prof. Paolo Visca, University of Roma TRE, Italy).
- From 2017 to 2020: Participant to the project “*Burkholderia cenocepacia* divisome as a new target to hit a rare cystic fibrosis pathogen”. Blue Sky Research, University of Pavia. (PI: Dr. Silvia Buroni). Collaborations: Dr. Giulia Manina, Institute Pasteur (France); Prof. Federico Forneris, University of Pavia (Italy).
- From 2017 to 2019: Participant to the project “New inhalable compounds against the CF pathogen *Burkholderia cenocepacia*”. Cystic Fibrosis Foundation 2017 (PI: Prof. Giovanna Riccardi). Collaborations: Dr. V. Makarov, Bakh Institute of Biochemistry Moscow (Russia), Prof. F. Ungaro, University of Naples (Italy); Dr. A. Bragonzi, San Raffaele hospital Milan (Italy); Prof. S.T. Cardona, Manitoba University (Winnipeg, Canada); Prof. F. Forneris, University of Pavia (Italy).
- From 2015 to 2017: Participant to the project “Inhalable formulations of new molecules effective against *Burkholderia cenocepacia*: from *in vitro* to *in vivo* applications”. Fondazione per la Ricerca sulla Fibrosi cistica 2015 (PI: Prof. Giovanna Riccardi). Collaborations: Prof. T. Coenye, Gent University (Belgium), Dr. V. Makarov, Bakh Institute of Biochemistry Moscow (Russia), Prof. F. Ungaro, University of Naples (Italy); Dr. A. Bragonzi, San Raffaele hospital Milan (Italy).
- From 2012 to 2014: Participant to the project “A very promising drug against *Burkholderia cenocepacia*”. Fondazione per la Ricerca sulla Fibrosi cistica 2012 (PI: Prof. Giovanna Riccardi). Collaborations: Prof. R. Fani, University of Florence (Italy); Prof. T. Coenye, Gent University (Belgium); Dr. V. Makarov, Bakh Institute of Biochemistry Moscow (Russia).

## SCIENTIFIC PRODUCTION

Author of **20 publications** on international peer-reviewed indexed journals (**11 as first author**), 2 book chapters and 19 communications to national and international congresses (4 of which selected for oral presentation).

h-index scopus: 9

citations scopus: 246

(as of June 2021)

### Publications:

1. Barbieri G, Ferrari C, Mamberti S, Gabrieli P, Castelli M, Sasseria D, Ursino E, **Scoffone VC**, Radaelli G, Clementi E, Sacchi L, Ferrari E, Gasperi G, Albertini AM. Identification of a novel *Brevibacillus laterosporus* strain with insecticidal activity against *Aedes albopictus* larvae. *Front Microbiol.* 2021; 12:624014. IF 4.927
2. Trespidi G\*, **Scoffone VC\***, Barbieri G, Riccardi G, De Rossi E, Buroni S. Molecular Characterization of the *Burkholderia cenocepacia* *dcw* operon and FtsZ interactors as new targets for novel antimicrobial design. *Antibiotics (Basel).* 2020; 9:841. \*equal contributors IF 3.423
3. Ursino E, Albertini AM, Fiorentino G, Gabrieli P, **Scoffone VC**, Pellegrini A, Gasperi G, Di Cosimo A, Barbieri G. *Bacillus subtilis* as a host for mosquitocidal toxins production. *Microb Biotechnol.* 2020; 13:1972-1982. IF 5.298
4. Chiarelli LR\*, **Scoffone VC\***, Trespidi G, Barbieri G, Riabova O, Monakhova N, Porta A, Manina G, Riccardi G, Makarov V, Buroni S. Chemical, Metabolic, and Cellular Characterization of a FtsZ Inhibitor Effective Against *Burkholderia cenocepacia*. *Front Microbiol.* 2020; 11:562. \*equal contributors IF 4.927
5. **Scoffone VC**, Barbieri G, Buroni S, Scarselli M, Pizza M, Rappuoli R, Riccardi G. Vaccines to Overcome Antibiotic Resistance: The Challenge of *Burkholderia cenocepacia*. *Trends Microbiol.* 2020; 28:315-326. IF 13.537
6. Buroni S, Makarov V, **Scoffone VC**, Trespidi G, Riccardi G, Chiarelli LR. The cell division protein FtsZ as a cellular target to hit cystic fibrosis pathogens. *Eur J Med Chem.* 2020; 190:112132. IF 5.207
7. Costabile G, Provenzano R, Azzalin A, **Scoffone VC**, Chiarelli LR, Rondelli V, Grillo I, Zinn T, Lepioshkin A, Savina S, Miro A, Quaglia F, Makarov V, Coenye T, Brocca P, Riccardi G, Buroni S, Ungaro F. PEGylated mucus-penetrating nanocrystals for lung delivery of a new FtsZ inhibitor against *Burkholderia cenocepacia* infection. *Nanomedicine.* 2020; 23:102113. IF 4.920
8. **Scoffone VC**, Trespidi G, Chiarelli LR, Barbieri G, Buroni S. Quorum Sensing as Antivirulence Target in Cystic Fibrosis Pathogens. *Int J Mol Sci.* 2019; 20:1838. IF 4.653
9. Hogan AM, **Scoffone VC**, Makarov V, Gislason AS, Tesfu H, Stietz MS, Brassinga AKC, Domaratzki M, Li X, Azzalin A, Biggiogera M, Riabova O, Monakhova N, Chiarelli LR, Riccardi G, Buroni S, Cardona ST. Competitive fitness of essential gene knockdowns reveals a broad-spectrum antibacterial inhibitor of the cell division protein FtsZ. *Antimicrob Agents Chemother.* 2018; 62:e01231-18. IF 4.746
10. Buroni S\*, **Scoffone VC\***, Fumagalli M, Makarov V, Cagnone M, Trespidi G, De Rossi E, Forneris F, Riccardi G, Chiarelli LR. Investigating the Mechanism of Action of Diketopiperazines inhibitors of the *Burkholderia cenocepacia* Quorum Sensing synthase

- Cepl: a site-directed mutagenesis study. *Front Pharmacol.* 2018; 9:836. \*equal contributors IF 4.604
11. Perrin E, Maggini V, Maida I, Gallo E, Lombardo K, Madarena MP, Buroni S, **Scoffone VC**, Firenzuoli F, Mengoni A, Fani R. Antimicrobial activity of six essential oils against *Burkholderia cepacia* complex: insights into mechanism(s) of action. *Future Microbiology* 2018; 13:59-67. IF 3.545
  12. Perrin E, Fondi M, Bosi E, Mengoni A, Buroni S, **Scoffone VC**, Valvano M, Fani R. Subfunctionalization influences the expansion of bacterial multidrug antibiotic resistance *BMC Genomics* 2017; 18:834. IF 4.093
  13. **Scoffone VC**, Chiarelli LR, Trespidi G, Mentasti M, Riccardi G, Buroni S. *Burkholderia cenocepacia* Infections in Cystic Fibrosis Patients: Drug Resistance and Therapeutic Approaches. *Front Microbiol.* 2017; 8:1592. IF 4.927
  14. Israyilova A, Buroni S, Forneris F, **Scoffone VC**, Shixaliyev NQ, Riccardi G, Chiarelli LR. Biochemical characterization of Glutamate Racemase, a new candidate drug target against *Burkholderia cenocepacia* infections. *PLoS One.* 2016, 11:e0167350. IF 3.227
  15. **Scoffone VC**, Chiarelli LR, Makarov V, Brackman G, Israyilova A, Azzalin A, Forneris F, Riabova O, Savina S, Coenye T, Riccardi G, Buroni S. Discovery of new diketopiperazines inhibiting *Burkholderia cenocepacia* quorum sensing *in vitro* and *in vivo*. *Sci Rep.* 2016; 6:32487. IF 4.576
  16. Spadaro F\*, **Scoffone VC\***, Chiarelli LR, Fumagalli M, Buroni S, Riccardi G, Forneris F. The crystal structure of *Burkholderia cenocepacia* DfsA provides insights into substrate recognition and quorum sensing fatty acid biosynthesis. *Biochemistry.* 2016; 55:3241-50. \*equal contributors. IF 2.777
  17. **Scoffone VC**, Ryabova O, Makarov V, Iadarola P, Fumagalli M, Fondi M, Fani R, De Rossi E, Riccardi G, Buroni S. Efflux-mediated resistance to a benzothiadiazol derivative effective against *Burkholderia cenocepacia*. *Front Microbiol.* 2015; 6:815. IF 4.927
  18. Buroni S, Matthijs N, Spadaro F, Van Acker H, **Scoffone VC**, Pasca MR, Riccardi G, Coenye T. Differential roles of RND efflux pumps in antimicrobial drug resistance of sessile and planktonic *Burkholderia cenocepacia* cells. *Antimicrob Agents Chemother.* 2014; 58:7424-7429. IF 4.746
  19. **Scoffone VC**, Spadaro F, Udine C, Makarov V, Fondi M, Fani R, De Rossi E, Riccardi G, Buroni S. Mechanism of resistance to an antitubercular 2-thiopyridine derivative that is also active against *Burkholderia cenocepacia*. *Antimicrob Agents Chemother.* 2014; 58:2415-2417. IF 4.746
  20. **Scoffone V**, Dondi D, Biino G, Borghese G, Pasini D, Galizzi A, Calvio C. Knockout of *pgdS* and *ggt* genes improves  $\gamma$ -PGA yield in *B. subtilis*. *Biotechnol Bioeng.* 2013; 110:2006-2012. IF 4.143

#### Manuscripts under review:

1. Trespidi G\*, **Scoffone VC\***, Barbieri G, Marchesini F, Abualsha'ar A, Coenye T, Ungaro F, Makarov V, Migliavacca R, De Rossi E, Buroni S. Anti-staphylococcal activity of the FtsZ inhibitor C109. *Pathogens.* 2021. *Submitted* \*equal contributors IF=3.405
2. **Scoffone VC**, Trespidi G, Barbieri G, Irudal S, Perrin E, Buroni S. Role of RND efflux pumps in drug resistance of Cystic Fibrosis pathogens. *Antibiotics.* 2021. *Under review*

### Book chapters:

**Scoffone VC**, Coenye T, Riccardi G, Buroni S. Antimicrobial Drug Efflux Pumps in *Burkholderia*. in Efflux-Mediated Antimicrobial Resistance in Bacteria, 417-438. Ed. Adis, Cham 2016.

Buroni S, Bertani I, **Scoffone VC**, Venturi V. Quorum sensing and quorum quenching. in Patologia vegetale molecolare. Ed. PICCIN 2019.

### Abstracts and oral communications:

1. Pellegrini A, Ursino E, Gabrieli P, Ferrari C, Castelli M, Mamberti S, Fiorentino G, **Scoffone VC**, Buroni S, Ferrari E, Sasseria D, Albertini AM, Gasperi G, Barbieri G. Bacilli in mosquito biocontrol strategies: a source of new biopesticides and a tool for environmental biotechnological applications. Subtillery 2021. Online Congress, 14-18 June 2021.
2. Trespidi G, **Scoffone VC**, Barbieri G, Buroni S. Fighting *Staphylococcus aureus* infections with a new broad spectrum FtsZ inhibitor. X International Conference on "Scientific Advances and Challenges in Biology". Online Congress, Baku University, Azerbaijan, 6 May 2021.
3. **Scoffone VC**, Trespidi G, Chiarelli LR, Manina G, Riccardi G, Buroni S. *Burkholderia cenocepacia* divisome as a new target to hit a rare cystic fibrosis pathogen. 33rd Annual North American Cystic Fibrosis Conference, Nashville, Tennessee, 31 October-2 November, 2019.
4. Trespidi G, **Scoffone VC**, Chiarelli LR, Manina G, Makarov V, Riccardi G, De Rossi E, Buroni S. A new way to counteract the cystic fibrosis pathogen *Burkholderia cenocepacia*: the impairment of the divisome. MICROBIOLOGY 2019-33 Meeting of SIMGBM, Società Italiana di Microbiologia Generale e Biotecnologie Microbiche. Firenze, Italia, 19-22 June, 2019.
5. **Scoffone VC**, Trespidi G, Chiarelli LR, Manina G, Forneris F, Makarov V, Riccardi G and Buroni S. Exploring the divisome machinery to fight the cystic fibrosis pathogen *Burkholderia cenocepacia*. EMBO workshop Bacterial cell division: Closing the gap, Lund, Sweden, 9-12 June 2019.
6. **Scoffone VC**, Chiarelli LR, Fumagalli M, Forneris F, Trespidi G, Stelitano G, Makarov V, Riccardi G, Buroni S. Deciphering the mechanism of action of diketopiperazine inhibitors of the *Burkholderia cenocepacia* quorum sensing synthase Ceph. 21st IBCWG, Dublin, Ireland, 2-5 May 2018.
7. **Scoffone VC**, Gislason AS, Hogan AM, Chiarelli LR, Stietz MS, Azzalin A, Makarov V, Cardona ST, Riccardi G and Buroni S. Fighting *Burkholderia cenocepacia* through a new promising bactericidal molecule. FEMS MICROBIOLOGY Congress 2017, Valencia, Spain, 9-13 July 2017.
8. **Scoffone VC**. Fighting *Burkholderia cenocepacia*: from drug to target and back. 40th European Cystic Fibrosis Society Conference, Seville, Spain, 7-10 June 2017. [Invited speaker as the recipient of the Gerd Döring Award 2017.](#)
9. **Scoffone VC**, Spadaro F, Chiarelli LR, Fumagalli M, Buroni S, Riccardi G, Forneris F. *Burkholderia cenocepacia* DfsA crystal structure highlights details on substrate recognition and quorum sensing fatty acid biosynthesis. Summer School Molecular and Physiological regulation of medical and environmental microbial biofilms. Leuven, Belgium 12-15 September, 2016. [Oral Presentation.](#)
10. Buroni S, Gislason AS, **Scoffone VC**, Stietz MS, Chiarelli LR, Azzalin A, Makarov V, Cardona ST, and Riccardi G. A new promising bactericidal compound against *Burkholderia*

- ceenocepacia*. International Burkholderia cepacia Working Group 20th annual meeting. Columbus, OH (USA) 27-30 April, 2016.
11. **Scoffone VC**, Spadaro F, Chiarelli L R, Israyilova A, Forneris F, Makarov V, Coenye T, Riccardi G and Buroni S. Characterization of *Burkholderia cenocepacia* quorum sensing synthases as new targets to hit a dangerous cystic fibrosis pathogen. MICROBIOLOGY 2015-31th Meeting of SIMGBM, Società Italiana di Microbiologia Generale e Biotecnologie Microbiche. Ravenna, Italy, 23-26 September, 2015.
  12. Buroni S, **Scoffone VC**, Spadaro F, Makarov V and Riccardi G. New drugs and new targets to fight *Burkholderia cenocepacia*. International *Burkholderia cepacia* Working Group 18<sup>th</sup> annual meeting. Nimes, France, 9-12 April, 2014.
  13. Spadaro F, **Scoffone VC**, Fani F, Riccardi G, Buroni S. Fighting *Burkholderia cenocepacia*: new drugs, new targets and efflux transporters. MICROBIOLOGY 2013-30th Meeting of SIMGBM, Società Italiana di Microbiologia Generale e Biotecnologie Microbiche. Ischia, Italy, 18-21 September, 2013.
  14. Calvio C, **Scoffone V**, Borghese G, Speranza G, Pasini D, Morelli CF, Ubiali D. GAMMA-PGA: Production and characterization of a versatile biopolymer by *B. subtilis* laboratory strains. 4th Congress of European Microbiologists, FEMS 2011; Geneva, Switzerland, June 26-30, 2011.
  15. **Scoffone VC**, Barbieri G, Tedeschi G, Albertini AM. Regulation of the *de novo* NAD synthesis in *Bacillus subtilis*. Gram+, 6TH International Conference on Gram-Positive Microorganisms 16th International Conference on Bacilli. Montecatini Terme, Italy, 19-23 June, 2011.
  16. Borghese G, **Scoffone V**, Biagiotti M, Morelli C, Ubiali D, Albertini A, Pasini D, Calvio C, Speranza G.  $\gamma$ -PGA: production, characterization and functionalization of a versatile biopolymer from *B. subtilis* laboratory strains. APIB 2011 Madrid-Active Pharmaceutical Ingredients from Biotechnology: from research to industrial and regulatory issues. Madrid, Spain, June 14-17, 2011.
  17. **Scoffone VC** and Albertini AM. Studies on NiaR transcriptional regulator of the *de novo* NAD synthesis in *Bacillus subtilis*. Oral presentation at CORTONA PROCARIOTI 2010. Cortona, Italy, 14-15 April 2010.
  18. **Scoffone VC**, D'Agostino VG, Tedeschi G, Negri A, Albertini AM. The transcriptional regulation of the *de novo* NAD synthesis in *Bacilli*. SIMGBM MEETING SPOLETO 2009. Spoleto, Italy, 11-13 June 2009.
  19. **Scoffone VC**, Marinoni I, Monteferrante C, Negri A, Tedeschi G, Albertini AM. The *de novo* NAD synthesis in *Bacillus subtilis*: functions and regulation. 10th FISV Annual Congress (FISV 2008). Riva del Garda, Italia, 24-27 September 2008. Abstract selected for oral presentation.