



- The conference presentations will start on Wednesday November 21st at 11:00, although there will be a registration period from 9:00 to 11:00 AM. The Conference will finish on Friday November 23rd November around 19:00. In any case, attendees will be able to pick up the conference materials at the secretariat desk at any time during the conference.
- Oral presentations will take place according to the following general structure in two different halls that are close to each other (less than 2 minute walk), in the main campus of the University of Lisbon:
 - HALL 1: The Auditorium building, Faculty of Dentistry** (Faculdade de Medicina Dentária), University of Lisbon (Universidade de Lisboa);
 - HALL 2: ISCTE - Lisbon University Institute** (Instituto Superior de Ciências do Trabalho e da Empresa).

ORAL PRESENTATIONS SCHEDULE			
	WEDNESDAY, NOVEMBER 21st 2012	THURSDAY, NOVEMBER 22nd 2012	FRIDAY, NOVEMBER 23rd 2012
HALL1	Natural Products I: Antimicrobial peptides. Immune system. Biocontrol. Biosynthesis of antimicrobials. Phages.	Natural Products II: Terrestrial and marine organisms.	Evaluation. Clinical and pre-clinical trials. Experimental and Computational Chemistry.
HALL 2	Workshop “Biocides: do they select for antimicrobial resistance?” Non-antibiotic biocides.	Antimicrobial surfaces. Biofilms. Quorum sensing. Resistance and Susceptibility. Mechanisms of action. New Targets. I	Resistance and Susceptibility. Mechanisms of action. New Targets. II

➤ There will be 5 poster sessions at HALL 1: **The Auditorium building, Faculty of Dentistry** (Faculdade de Medicina Dentária), University of Lisbon (Universidade de Lisboa), according the following schedule:

POSTER PRESENTATIONS SCHEDULE		
Day	Time	Sessions
Wednesday, November 21 st	From 16:45 to 18:00	<ul style="list-style-type: none"> • Natural Products I: Antimicrobial peptides. Immune system. • Biocontrol. Biosynthesis of antimicrobials. Phages. • Non-antibiotic biocides.
Thursday, November 22 nd	From 10:45 to 11:30	<ul style="list-style-type: none"> • Natural Products II: Terrestrial and marine organisms. • Antimicrobial surfaces. Biofilms. Quorum sensing. • Methods and Techniques.
	From 17:00 to 17:45	
Friday, November 23 rd	From 10:45 to 11:30	<ul style="list-style-type: none"> • Evaluation. Clinical and pre-clinical trials. • Experimental and Computational Chemistry. • Resistance and Susceptibility. Mechanisms of action. New Targets.
	From 16:45 to 17:30	

Posters are expected to be posted during the whole day assigned from 9:00 AM to 19:00 PM (approximately). Presenters are expected to be available for discussion of their posters during the corresponding sessions.

ORAL PRESENTATIONS

WEDNESDAY, 21st NOVEMBER (HALL 1)

9:00-11:00	REGISTRATION & COFFEE (Registration can also be done at any time during the Conference)
Chair: Dr. Goutam Gupta (Los Alamos National Laboratory, USA)	
Natural Products I: Antimicrobial peptides – Immune system Biocontrol – Biosynthesis of antimicrobials - Phages	
11:00-11:30	Engineering of Innate Immune Defense for Rapid Clearance of Pathogens Goutam Gupta
11:30-11:45	Structure and functional mechanism of the human antimicrobial channel Dermcidin Kornelius Zeth
11:45-12:00	Transcriptional regulation of the male reproductive tract antimicrobial gene, <i>Spag11e</i>, during LPS challenge involves androgen receptor and NF-κB binding to its promoter Suresh Yenugu
12:00-12:15	ZAPS potentiates RIG-I signaling to drive type IFN production for antiviral response Akinori Takaoka
12:15-12:30	Synergistic effect of antibacterial peptide with virus vaccine on immunity of pig against PCV-2 Rong Gao, Xiao Ping Wan
12:30-12:45	Antimicrobial activity of the peptide hormone ghrelin Josefine Hirschfeld
12:45-13:00	Including human macrophage immune functions in screening assays for discovery of novel treatments for tuberculosis Maria Lerm
13:00-13:15	Computational studies of antimicrobial peptides Themis Lazaridis
13:15-13:30	SB056: a novel dendrimeric peptide with antimicrobial properties Giorgia Manzo
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Prof. Themis Lazaridis (City College of New York, USA)	
14:45-15:00	Discovering antimicrobial peptide motifs in proteins: search tools and potential evolutionary mechanisms David Andreu
15:00-15:15	Pattern finding in antimicrobial peptide sequences Stefano Piotto
15:15-15:30	Esculentin-1b(1-18): an interesting frog-skin peptide with antimicrobial properties. From the structural model improvement to its characterization in membrane-mimicking environments. Mariano Andrea Scorciapino

15:30-15:45	Peptide expression and purification of Rhacopirin-2, a novel antimicrobial peptide from tree frog <i>Rhacophorus feae</i> Patcharawalai Whongsiri
15:45-16:00	Purification and characterization of antifungal lipopeptides from a soil isolated strain of <i>Bacillus cereus</i> Sreejith Keloth
16:00-16:15	Control of Mozzarella spoilage bacteria by using bovine lactoferrin pepsin-digested hydrolysate Federico Baruzzi
16:15-16:30	Terpinen-4-ol combined with colistin effectively impairs <i>Pseudomonas aeruginosa</i> biofilm formation Filipa Lobo Coelho
16:30-16:45	Identification and purification of a novel unmodified bacteriocin from an Algerian extremely halotolerant <i>Oceanobacillus</i> sp. Strain Nadia Boukhit
16:45-18:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Dr. Roni Shapira (The Hebrew University of Jerusalem, Israel)	
18:00-18:15	The molecular basis for antimicrobial activity of a novel dendrimeric peptides Marta Sowińska, Zofia Urbanczyk-Lipkowska
18:15-18:30	Lectin-mediated inhibition of <i>Pasteurella multocida</i> adherence to rabbit respiratory epithelium in vitro Carlos Iregui-Castro
18:30-18:45	Bacteriophage cocktail in prophylaxis against foodborne infections Andrey Aleshkin
18:45-19:00	Harnessing the bacteriophage tool box for rapid diagnostics and control of pathogenic bacteria Martin J. Loessner
19:00-19:15	Cyanophages infecting <i>Anabaena circinalis</i> and <i>Anabaena cylindrica</i> in a tropical reservoir Bee Hui Yeo
19:15-19:30	Complex Regulatory Systems Operating in Bacilysin Biosynthesis in <i>Bacillus subtilis</i> Ayten Karataş
19:30-19:45	Study of potential dithiopyrrolones biosynthetic gene cluster in <i>Saccharothrix algeriensis</i> Safwan Saker
19:45-20:00	The role of bacterial volatiles on fungal-bacterial and bacterial-bacterial inter-specific interactions Paolina Garbeva
20:00-20:15	Withdrawn
20:15-20:30	Antibacterial mode of action of selected isothiocyanates against pathogenic bacteria Anabela Borges

WEDNESDAY, 21st NOVEMBER (HALL 2)	
Workshop "Biocides: do they select for antimicrobial resistance?"	
Chair: Dr. Marco Rinaldo Oggioni (University of Siena, Italy)	
11:30-12:00	Does microbicide use in consumer products promote antimicrobial resistance? A critical review and recommendations for a cohesive approach to risk assessment. Jean-Yves Maillard
12:00-12:30	Mining relationships between antibiotic and biocide reduced susceptibility Joana Rosado Coelho
12:30-13:00	Induction and selection of antibiotic resistance by biocides José Luis Martínez Méndez
13:00-13:30	Mechanisms of biocide resistance in <i>Staphylococcus aureus</i> and methods for prediction of risk of resistance Marco Rinaldo Oggioni
13:30-14:45	LUNCH BREAK (Lunch Area)
Non-antibiotic biocides	
Chair: Prof. Angela Cunha (University of Aveiro, Portugal)	
14:45-15:00	A new resistance mechanism to triclosan which suggests horizontal gene transfer and demonstrates a potential selective pressure for reduced biocide susceptibility in clinical strains of <i>Staphylococcus aureus</i> Leonardo Furi
15:00-15:15	Molecular mechanisms of higher MICs of antibiotics and quaternary ammonium compounds for <i>Escherichia coli</i> isolated from bacteraemia Sylvie Buffet-Bataillon
15:15-15:30	The individual role of reactive oxygen and nitrogen species for the antimicrobial efficacy by atmospheric surface micro-discharge Jin Jeon
15:30-15:45	Bacterial inactivation by non-thermal plasma (gliding arc) treatment Jean-Louis Brisset
15:45-16:00	Enhancement of antibacterial activity of essential oil using atmospheric RF plasma Narumol Matan
16:00-16:15	Effects of Cold Atmospheric Plasma (CAP) on macromolecular oxidation in two bacterial genera in liquid culture Anindita Mitra
16:15-16:30	Photoinactivation of multidrug-resistant bacteria in hospital wastewaters: influence of antibiotics in its effectiveness Adelaide Almeida
16:30-16:45	Development of plasma sterilization device using atmospheric air Takehiko Sato

16:45-18:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Prof. Jean-Louis Brisset (University of Rouen, France)	
18:00-18:15	Structure and behavior modifications of <i>Escherichia Coli</i> exposed to microwaves (2.45 GHz) under discontinuous conditions Audrey Prorot
18:15-18:30	High bacterial inactivation property on aqueous metal surface by cold atmospheric plasma Yangfang Li
18:30-18:45	Photoinactivation of <i>Bacillus</i> endospores: inactivation efficiency varies significantly among species Angela Cunha
18:45-19:00	Laser modified medicines: new alternatives in fighting MDR bacteria Andra - Cristina Dinache
19:00-19:15	A multi-country randomised controlled field trial of solar water disinfection (SODIS): The SODISWATER project Ronan Conroy
19:15-19:30	Solar water disinfection (SODIS) in the Developing World: Can glass bottles ever be better than plastic? Ronan Conroy
19:30-19:45	Dietary zinc oxide does not suppress <i>Salmonella Typhimurium</i> infection of pigs. Pawel Janczyk

THURSDAY, 22nd NOVEMBER (HALL 1)

Natural Products II: Terrestrial and Marine Organisms.

Chair: Dr. Alejandro Dinamarca (University of Valparaíso, Chile)

09:00-09:15	A functional food additive from marine bacteria as an alternative to antibiotics in aquaculture. Alejandro Dinamarca
09:15-09:30	Bioactive and biocompatible cellulose-chitosan composite for medical applications Janine Bauer
09:30-09:45	Farnesol antimicrobial role as biofilm cell detachment inducer in <i>S. epidermidis</i> biofilms Nuno Cerca
09:45-10:00	Fast-forwarding anti-biofilm drug discovery via enhancement of chemical screenings from natural products Adyary Fallarero
10:00-10:15	Multidrug-resistance in Bacteria: Herbal Therapy combat the burden of antibiotic resistance Pramod Kumar
10:15-10:30	Inhibitory and safety evaluation of a plant-based synthetic compound against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) clinical isolates Azmi Johari Saiful
10:30-10:45	Epigallocatechin gallate modulates morphology and cell-wall antibiotics resistance by inducing the two-component VraSR system through evoking a cell wall stress response in <i>Staphylococcus aureus</i> Roni Shapira
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Dr. Nuno Cerca (University of Minho, Portugal)	
11:30-11:45	Antibacterial activity of <i>Swietenia mahagoni</i>, <i>Jacq</i> and <i>Carapa procera</i>, DC, against methicillin-resistant coagulase negative staphylococci Ifeoma Chinyere Agbo
11:45-12:00	Antimicrobial screening of 20 essential oils; interest of essential oils extracted from Tunisian plants Naouel Chaftar
12:00-12:15	Plant bioactive metabolites for crop protection: the barley-powdery mildew-essential oils model of study ValeriaTerzi
12:15-12:30	Antifungal activity of coronarin D against <i>Candida albicans</i> Ruchadaporn Kaomongkolgit
12:30-12:45	Screening of the antibacterial activity of phenolic extracts from Portuguese north-eastern plants Eva Pinho

12:45-13:00	Identification and characterization of oocydin A gene cluster: biogenesis of the broad spectrum plant pathogenic antifungal and anti-oomycete compound Miguel A. Matilla-Vazquez
13:00-13:15	Influence of small chemical modulators on the expression of 2 extrolites in <i>Aspergillus clavatus</i> Christoph Zutz
13:15-13:30	Distinct antimicrobial activities in <i>Pistacia atlantica</i> aphid galls Yoram Gerchman
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Dr. Valeria Terzi (CRA-GPG, Genomic Research Centre, Italy)	
14:45-15:00	Antibacterial agents from some Indonesian dammar and bamboo Noryawati Mulyono
15:00-15:15	In vitro antimicrobial activity of <i>Moringa oleifera</i> Lam. Nada Abdel-Ghani Abdel-Rahim Nada
15:15-15:30	Inhibition of spoiling yeasts of fruit juices through citrus extracts Antonio Bevilacqua
15:30-15:45	Combined effects of citrus extracts with a mild heat treatment to control <i>Alicyclobacillus acidoterrestris</i> Antonio Bevilacqua
15:45-16:00	Functional characterization of synthetic peptides derived from the carboxy-terminal region of a defensin from the tick <i>Ornithodoros savignyi</i> Anabella Gaspar
16:00-16:15	Dandruff - A management strategy for one of the most chronic & commercially exploited skin conditions Basanta Kumar Mohanty
16:15-16:30	New Remedy for Complex Lung Tuberculosis Treatment Timur Zveryachenko
16:30-16:45	Formulation and evaluation of antifungal activity of neem seed oil ointment against <i>Tinea capitis</i> Isaac Olusola Aremu
16:45-17:00	Phytochemical and antibacterial screening of root extracts of <i>Carica papaya</i> Isaac Olusola Aremu
17:00-17:45	POSTER SESSION & COFFEE BREAK (Exhibition Hall)

THURSDAY, 22nd NOVEMBER (HALL 2)

Antimicrobial surfaces – Biofilms – Quorum sensing
Resistance and Susceptibility – Mechanisms of action – New Targets I

Chair: Prof. Raffael Schaffrath (University of Kassel, Germany)

09:00-09:15	Anti-quorum sensing properties of <i>Melicope lunu-ankenda</i>, <i>Piper nigrum</i>, <i>Piper betle</i> and <i>Gnetum gnemon</i> Li Ying Tan
09:15-09:30	Diffusivity of antimicrobial agents through biofilms of <i>Bacillus cereus</i> and <i>Pseudomonas fluorescens</i> Paula Araújo
09:30-09:45	Effect of allicin on the production of polysaccharide intercellular adhesin in <i>Staphylococcus epidermidis</i> Gregorio Cruz Villalon
09:45-10:00	Characterisation of clinical <i>Porphyromonas gingivalis</i> isolates to determine the significance of DPPIV as a virulence factor Sofie Clais
10:00-10:15	A catalysis-independent mechanism underlies alginate lyase biofilm dispersion and antibiotic synergy Karl Griswold
10:15-10:30	Role of oxygen-restricted environments in biofilm growth and susceptibility profiles of traditional and atypical bacterial species in cystic fibrosis Susana Lopes
10:30-10:45	Blocking of <i>Pseudomonas aeruginosa</i> biofilm formation by a colistin coating Diana Filipa Barros Alves
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: (Prof. Karl E. Griswold, Thayer School of Engineering, USA)	
11:30-11:45	Novel strategies for prevention of pathogenic bacterial biofilm formation on indwelling medical devices Margarida Fernandes
11:45-12:00	Tethering of a synthetic antimicrobial peptide for the development of an antimicrobial coating Fabiola Moutinho
12:00-12:15	Antifungal activity of dental resins containing amphotericin B-functionalized silica nanoparticles Cristiana Paulo
12:15-12:30	A new medical textile- L-cysteine functionalized cotton, its mechanism of action and potential antimicrobial properties Marta Pedrosa
12:30-12:45	Covalent and non-covalent strategies for surface modification of different textile materials with antimicrobial properties Marta Pedrosa

12:45-13:00	Development of anti-biofilm compounds by ligand-based approach Anke Steinbach
13:00-13:15	Antibacterial and fungicidal plastics by dendritic hyperbranched polymer-metal-hybrids Stefan Reinemann
13:15-13:30	Antimicrobial technology packaging solution for a traditional blood sausage Jorge Alberto dos Santos Guieiro Pereira
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Dr. Joanna Podporska-Carroll (Dublin Institute of Technology-Crest, Ireland)	
14:45-15:00	Ultra-thin antimicrobial polymer coatings for medical applications Wibke Dempwolf
15:00-15:15	Biofouling formation on commercial nanofiltration membranes surface Renata Calixto, Francisca Pessoa de França
15:15-15:30	Control of biofilm formation in seawater using polysulfonamide nanofiltration membrane Renata Calixto, Francisca Pessoa de França
15:30-15:45	Antifouling and antimicrobial properties of oligo(2-oxazoline)s-based composites Vanessa G. Correia
15:45-16:00	Activity of allylthiocyanate and 2-phenylethylthiocyanate on motility and biofilm prevention of pathogenic bacteria Anabela Borges
16:00-16:15	Withdrawn
16:15-16:30	Inhibition and eradication of beads-grown biofilms by silver nanoparticles - A chip-calorimetric study Tom Hartmann
16:30-16:45	Antimicrobial activity of zinc oxide particles related to their physicochemical properties Julia Pasquet
16:45-17:00	Antifungal nanoparticles and surfaces Cristiana Paulo
17:00-17:45	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Prof. Rolf W. Hartmann (University of Saarland, Germany)	
17:45-18:00	Antimicrobial activity of visible light activated TiO₂ Joanna Podporska-Carroll
18:00-18:15	Molybdenum and tungsten oxides as innovative antimicrobial materials Shahram Shafaei
18:15-18:30	Heat shock treatment as a new eco-friendly devitalisation method against biofilms of open-air stone surfaces Stefano Bertuzzi

18:30-18:45	pH influences the development and the susceptibility to fluconazole in <i>Candida albicans</i> biofilms Wander José Silva
18:45-19:00	Cold plasma – a new antimicrobial treatment option: in vitro susceptibility of multidrug resistant skin and wound pathogens against low temperature atmospheric pressure plasma Georg Daeschlein
19:00-19:15	Response of <i>Bacillus cereus</i> vegetative cells after exposure to single and repetitive sublethal radiation processing alone or in combination with carvacrol and/or nisin Samia Ayari
19:15-19:30	Drug resistance preventive antivirals based on nano-responsible poly-ligands Alexander Serbin
19:30-19:45	Transcriptomic profiling of triclosan susceptible and tolerant <i>E. coli</i> O157:H19 in response to triclosan exposure Kaye Burgess
19:45-20:00	Withdrawn
20:00-20:15	Withdrawn

FRIDAY, 23rd NOVEMBER (HALL 1)

Experimental and Computational Chemistry
Evaluation - Clinical and pre-clinical trials

Chair: Dr. Catherine Demailly-Mullié (The University of Picardie Jules Verne, France)

09:00-09:15	BacChip: a microfluidic platform for treating infections at the point-of-care Douglas Weibel
09:15-09:30	Multiple applications of an impedance biosensor in antimicrobial research Carmen Campbell
09:30-09:45	Peptidoglycan O-acetylation: Potential opportunities for new antibacterial targets Anthony Clarke
09:45-10:00	Fluoroquinolone- metal complexes: A route to counteract bacterial resistance? Maria Feio
10:00-10:15	Inert dinuclear polypyridylruthenium (II) complexes as antimicrobial agents Fangfei Li
10:15-10:30	Bioengineered surfaces designed to promote <i>Helicobacter pylori</i> adhesion via adhesin-carbohydrate specific recognition M. Cristina L. Martins
10:30-10:45	Chitosan microspheres for <i>Helicobacter pylori</i> infection treatment and prevention of gastric colonization Inês Gonçalves
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)

Chair: Dr. M. Cristina L. Martins (University of Porto, Portugal)

11:30-11:45	Campylobacter host cell receptors as targets for the development of novel antibacterials Andrey Karlyshev
11:45-12:00	Is stereochemistry important in the antibacterial and antimalarial activity of 4-aminoalcohol quinoline derivatives ? Catherine Mullié
12:00-12:15	The involvement of macrophage free radical production and apoptosis in the activity of antileishmanial drugs Paul Cos
12:15-12:30	A yeast model for pathobiological protein modification pathways reveals new <i>Corynebacterium diphtheria</i> toxin effector genes Raffael Schaffrath
12:30-12:45	Controlled synthesis of antiviral polymers and modelling their bioactivity in view of living polymerization (RAFT) micro-structural modulation Alexander Serbin
12:45-13:00	Structural relationship activities of triterpenoids in relation to Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) Mohammad Sharif Sharifi

13:00-13:15	Design of novel non-hemolytic amphiphilic dendrimers selective on Gram-negative bacteria Marta Sowińska
13:15-13:30	In vitro biological activity profile of some synthesized derivatives of C-9154 antibiotic Isaac Bello
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Prof. Andrey Karlyshev (Kingston University, United Kingdom)	
14:45-15:00	Visualizing the novel veterinary macrolide tildipirosin bound to its ribosomal target Stephen Douthwaite
15:00-15:15	Computational modeling of sepsis: perspectives for <i>in silico</i> investigation of antimicrobial therapy Eduardo Mendonça
15:15-15:30	Molecular dynamics of synthetic polymers interference with viral biopolymer targets pretested via docking Vladimir Tsvetkov
15:30-15:45	Binding of Imipenem and Meropenem by to MexB: insights on substrate selectivity from computer simulations Attilio Vittorio Vargiu
15:45-16:00	PK/PD correlation for imipenem dose adjustment in burn patients Silvia Regina Cavani Jorge Santos
16:00-16:15	Studies on the biological activity of some synthesized C-9154 antibiotic derivatives Isaac Bello
16:15-16:30	Withdrawn
16:30-16:45	Withdrawn
16:45-17:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)

FRIDAY, 23rd NOVEMBER (HALL 2)

Resistance and Susceptibility – Mechanisms of action – New Targets II

Chair: Mr Vafa Amirkia (TOKU-E, Singapur)

09:00-09:15	The Antimicrobial Index: a comprehensive literature-based antimicrobial database and reference work Vafa Amirkia
09:15-09:30	Does food of animal and plant origin play a role for the spread of antibiotic resistant bacteria? Karin Schwaiger
09:30-09:45	Pitfalls of antimicrobial susceptibility testing of <i>Pseudomonas aeruginosa</i> veterinary isolates by the disk diffusion method Manuela Oliveira
09:45-10:00	Validation of parasite-specific Vitamin B syntheses as new antimalarial drug targets Ingrid B. Müller
10:00-10:15	Transferable multidrug-resistance plasmids of fish pathogens originating from human pathogen Takashi Aoki
10:15-10:30	Gyramides: a family of broad-spectrum antibiotics that targets a new region of DNA gyrase Douglas Weibel
10:30-10:45	Commonness of the worrisome <i>cfr</i> and <i>cfr</i> look-alikes antibiotic multi-resistance genes Birte Vester
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Prof. Pamela J. Yeh (Portland State University, USA)	
11:30-11:45	Complete sequence of pKPN101-IT, a novel plasmid harbouring the <i>bla</i>_{KPC-2} beta-lactamase gene in a <i>Klebsiella pneumoniae</i> ST101 isolated from a patient in Italy Ilaria Frasson
11:45-12:00	Capreomycin susceptibility is increased by TlyA-directed 2'-O-methylation on both ribosomal subunits Stephen Douthwaite
12:00-12:15	Evolution of carbapenemase activity in GES-type beta-lactamases Marta Toth, Sergei Vakulenko
12:15-12:30	Mutations in the <i>fabI</i> promoter often associate to other mechanisms of triclosan resistance in <i>Staphylococcus aureus</i> Denis Grandgirard
12:30-12:45	Compensation of the metabolic costs of antibiotic resistance by physiological adaptation in <i>Escherichia coli</i> Nadine Händel
12:45-13:00	Increased survival of antibiotic resistant <i>Escherichia coli</i> inside the macrophages Migla Miskinyte

13:00-13:15	Association of Combined Porin Loss and ESBLs production with an Increasing Imipenem MIC in Clinical <i>Klebsiella pneumoniae</i> Strains Mona Mohiedden Abdelhaleim Mohiedden
13:15-13:30	Withdrawn
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Prof. Birte Vester (University of Southern Denmark, Denmark)	
14:45-15:00	Multidrug binding properties of the AcrB efflux pump characterized by molecular simulations Attilio Vittorio Vargiu
15:00-15:15	Overexpression of the MFS transporter <i>pmrB</i> in <i>Streptococcus thermophilus</i> improves the efficiency of ethidium bromide efflux but not the growth fitness Stefania Arioli, Diego Mora
15:15-15:30	Comparative analysis of the mechanism of action of Furvina and GE81112, two inhibitors of translation initiation Attilio Fabbretti, Claudio Gualerzi
15:30-15:45	Characterization of <i>Arcobacter butzleri</i> isolates from poultry and slaughterhouse environment Fernanda Domingues, Susana Ferreira
15:45-16:00	Isolation and identification of drug resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> from cutaneous infections Harivadan Lukka
16:00-16:15	Antimicrobials and sepsis: a study in a general hospital in Minas Gerais, Brazil. Eduardo Mendonça
16:15-16:30	Antimicrobial susceptibility assessment of <i>Campylobacter</i> on outdoor iberian pig sows Ana Filipa Moreira Martins
16:30-16:45	Detection of resistant mutants within <i>Pseudomonas aeruginosa</i> colony morphology variants in lung cystic fibrosis environment Ana Margarida Sousa
16:45-17:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Dr. Ilaria Frasson (University of Padova, Italy)	
17:30-17:45	Antibiotic sensitivity pattern of faecal isolates of <i>Shigella flexneri</i> and emergence of drug resistance Abhishek Gaurav
17:45-18:00	Prevalence of resistance to second-line anti-tuberculosis drugs and its genetic characterization in eastern rural China Yi Hu
18:00-18:15	Population structure and transmission of second-line drug resistant TB in eastern rural China Biao Xu, Qi Zhao

18:15-18:30	Distribution of Multidrug Resistant isolates of <i>Salmonella</i> 1,4,[5],12:i:- in Portugal, the new pandemic serovar Rui Seixas
18:30-18:45	Evolution of gonococcal strain sensitivity to antibiotics in France: data from a national sentinel surveillance network, 2001-2011 Guy La Ruche
18:45-19:00	Antimicrobial Prowess of a Soil Isolate <i>Bacillus Subtilis</i> Ramya Ramachandran
19:00	CONFERENCE CLOSURE

POSTER PRESENTATIONS (EXHIBITION HALL – HALL1)

WEDNESDAY, 21 ST NOVEMBER 2012		
From 16:45-18:00		
Natural Products I: Antimicrobial peptides - Immune system		
Biocontrol - Biosynthesis of antimicrobials - Phages		
Non-antibiotic biocides		
Code	Title	Presenter(s)
W1	The green platform for a new generation of vaccines	María Alejandra Álvarez
W2	Partial purification of antimicrobial compounds produced by <i>Bacillus subtilis</i> TR50 isolated from a cured sausage	Federico Baruzzi
W3	Histone H3 derived Antimicrobial Peptides interact preferentially with DMPG over DMPC in Calorimetric Studies	Neil Berezowski
W4	Antimycobacterial activity of the synthetic antimicrobial peptides Bac2A and HHC-10	Davie Cappoen
W5	Characterization of hyicin 3682, a bacteriocin with potential applications against food pathogens	Patricia Carlin Fagundes
W6	Action of staphylococci against <i>Listeria monocytogenes</i> isolated from food	Patricia Carlin Fagundes
W7	Withdrawn	
W8	Factors involved in immunity to aureocin A70, a bacteriocin with a potential biotechnological application	Maria do Carmo de Freire Bastos
W9	Sequencing, <i>in silico</i> analyses and study of the functions encoded by the bacteriocinogenic plasmid pRJ101	Maria do Carmo de Freire Bastos
W10	Antimicrobial peptides in the tunic of <i>Ciona intestinalis</i> (Tunicata)	Maria Antonietta Di Bella
W11	Protein profile changes, induced by the herbal extract rosemary in the Enterohemorrhagic <i>Escherichia coli</i> strain EDL933	Ágnes Dorn
W12	Bioinformatic analysis of antimicrobial peptides from milk proteins	Bartłomiej Dziuba
W13	Autophagy in dengue virus	Ying-Ray Lee
W14	Peptides Derived from HR2 Region of Feline Coronavirus Inhibit Viral Replication	I-Jung Liu
W15	Interaction of OP-145, a synthetic derivative of the human cathelicidin LL-37, with lipid membranes involves different mechanistic processes	Nermina Malanovic
W16	Structure-Microbicidal Activity Relationship of Synthetic Fragments Derived from the Antibacterial region of Human Lactoferrin	Inger Mattsby-Baltzer
W17	Molecular Basis of Cyclic Peptide Antibiotics Targeting the Bacterial Ribosome	Tanakarn Monshupanee
W18	Identification of peptides derived from the human antimicrobial peptide LL-37 active against the biofilms formed by <i>Pseudomonas aeruginosa</i> using a library of truncated fragments	Carole Nagant
W19	Antimicrobial peptides from wild bee venom and antibiotics: Synergistic effect against <i>Pseudomonas aeruginosa</i>	Ondrej Nesuta
W20	Withdrawn	
W21	Responses of stressed- <i>Staphylococcus aureus</i> to the bacteriocin bovicin HC5	Natan de Jesus Pimentel-Filho

W22	Characterization of antimicrobial peptides produced by staphylococci involved in caprine mastitis	Selda Loase Salustiano Marques
W23	Evaluation of potential use of cheese whey fermented extracts in food safety	Cristina Santos Pintado
W24	Expression of lucifensin in <i>Lucilia sericata</i> medicinal maggots in infected environment	Ivana Valachová
W25	Effect of parabutopirin, an antimicrobial peptide from scorpion venom, on granulocytes.	Jean Willems
W26	Pneumococcal virulence factors are differential activators of β -defensin-2 and -3 in human macrophages	Mara Wittig
W28	Bacteriophages: Lectin-glycoconjugate approaches to particles as prospects for prophylaxis and therapy of diseases	Andrey Aleshkin
W29	Biological control of <i>Fusarium oxysporum</i> by biocides prepared from bacteria isolated from camel urine	Awatif Al-Judaibi
W30	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation.	Adelaide Almeida
W31	<i>In vivo</i> protection against <i>Listeria monocytogenes</i> infection by the AS-48 producer strain <i>Enterococcus faecalis</i> UGRA10	Alberto Baños Arjona
W32	Assessment of characteristics of <i>Pediococcus pentosaceus</i> SB83 to be used in the prevention of neonatal listeriosis	Sandra Borges
W33	Characterization of a bacteriocin produced by <i>Pediococcus pentosaceus</i> SB83 for vaginal application	Sandra Borges
W34	Isolation, selection and characterization of a candidate therapeutic bacteriophage virulent against the 2011 German epidemic Enteroaggregative Shiga toxin/verotoxin-producing <i>Escherichia coli</i> (EAggEC STEC/VTEC) strain O104:H4	Daniel De Vos, Maia Merabishvili
W35	Antibacterial substances produced by <i>Pseudomonas aeruginosa</i> and <i>P. fluorescens</i> isolated from milk	Janaina dos Santos Nascimento
W36	Functional properties of lactic acid bacteria isolated from Romanian fermented vegetables	Silvia Simona Grosu-Tudor, Medana Zamfir
W37	Withdrawn	
W38	Antimicrobial Effect of Polyphenols from Semi-Desert Mexican Plants on Plant Pathogenic Bacteria	Francisco Daniel Hernandez Castillo
W39	Antifungal Activity of Microencapsulated <i>Trichoderma asperellum</i> and <i>Bacillus subtilis</i> Against Soil Pathogens on Pepper (<i>Capsicum annuum</i> L.) Seedlings	Francisco Daniel Hernandez Castillo
W40	Control of <i>Campylobacter jejuni</i> in chicken by virulent bacteriophages	Pawel Janczyk
W41	phiBIOTICS - database of therapeutic enzybiotics	Lubos Klucar
W42	Bacteriophage-based pesticides against bacterial plant pathogens	Tamas Kovacs
W43	Characterization of <i>Campylobacter</i> Bacteriophages and Their Interaction With Host Bacteria	Matjaz Peterka
W44	Comparative genomics and therapeutical applications of <i>Staphylococcus aureus</i> phages	Gabor Rakhely
W46	Phenyl isothiocyanate for biofilm prevention and control	Ana Cristina Abreu
W47	Synergy effects between antibiotics and alkaloids against <i>Staphylococcus aureus</i>	Ana Cristina Abreu

W48	Characterization of the antimicrobial activity of the peroxide and non-peroxide components of locally produced honey in Saudi Arabia	Rashad Alhindi
W49	Antimicrobial effectiveness of several chemical treatments against <i>Salmonella</i> on poultry throughout storage under abusive refrigeration temperatures	Carlos Alonso-Calleja
W50	Influence of sub-lethal exposure to food-grade biocides on the antibiotic susceptibility of multi-drug resistant <i>Salmonella Typhimurium</i> strains	Carlos Alonso-Calleja
W51	Substrate specificity of staphylococcal MDR efflux pumps	Stefania Arioli, Diego Mora Marco Rinaldo Oggioni
W52	Methicillin resistance, biofilm formation and resistance to benzalkonium chloride in <i>Staphylococcus aureus</i> clinical isolates.	Lucilla Baldassarri
W53	Innovative air-sanitizing system for the food industry based on vegetable extracts combined with enterocin AS-48	Alberto Baños Arjona
W54	Oral care with chlorhexidine gluconate for the prevention of ventilator-associated pneumonia in ICU. Has the protocol an effect on phenotypic and/or genotypic characteristic of bacteria?	María Fernández-Reyes Silvestre
W55	Effect of adding a sanitizer to a pre-milking rinse on bacterial counts and residues in milk	David Gleeson
W56	Decontamination treatments of paper heritage objects in atmospheric pressure plasma	Ghiocel Emil Ioanid
W57	Cellulose-based materials sterilization process using HF cold plasma	Ghiocel Emil Ioanid, Dorina Emilia Rusu
W58	Assessment of susceptibility of moulds isolates towards biocides	Ayse Kalkanci
W59	Synergistic antimicrobial activity of a gemini-quaternary ammonium compound and ultraviolet A light generated by a light-emitting diode	Hiroki Kourai, Akihiro Shirai
W60	The impact of antimicrobial photodynamic therapy with metallophthalocyanines on resistant to conventional therapy dental pathogens	Vesselin Kussovski
W61	The inhibition of <i>Pseudomonas aeruginosa</i> with combined triclosan, chlorhexidine and EDTA	Ronald Lambert
W62	Small-molecule inhibitors of the type 1 pilus biogenesis in <i>Escherichia coli</i> and <i>Salmonella typhimurium</i>	Alvin Lo
W63	The effect of Magnesium and copper ions on the Antimicrobial property of lactoperoxidase	Vinod N.V. Nair
W64	<i>In vitro</i> simulations of use conditions of disinfectants and evaluation of its efficacy on survivors against <i>Listeria monocytogenes</i> and <i>Salmonella Typhimurium</i> bacteria to surfaces hygienization in poultry slaughterhouse	Roberto Maciel Oliveira
W65	Anti-Candida activity of antidepressive drugs: Sertraline and Fluoxetine	Ana Palmeira de Oliveira
W66	Selective photodynamic inactivation of <i>Staphylococcus aureus</i> with Hypericin	Janice Rodrigues Perussi
W67	FimH antagonists - A selective and highly effective novel therapeutic approach for the treatment of urinary tract infection	Rabbani Said
W68	Effectiveness of ohmic cooking on microbiological quality of koefte, traditional meat product in Turkey	Ilkin Sengun

W69	The effect of some biocides against black fungi isolated from historical monuments (Side/ Turkey)	Hacer Sert
W70	Effects of benzyl and (E,Z)-4-methylthio-3-butenyl isothiocyanates on <i>in vitro</i> growth of bacterial strains from human intestines and <i>in vivo</i> formation of short chain fatty acids in rat intestines	Yasushi Uda

THURSDAY, 22 nd NOVEMBER 2012		
From 10:45-11:30 and from 17:00-17:45		
Natural Products II: Terrestrial and Marine Organisms Antimicrobial surfaces - Biofilms - Quorum sensing Methods and Techniques		
Code	Title	Presenter(s)
T1	Antibacterial activity of different isothiocyanates against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	Alfredo Aires
T2	<i>In vitro</i> activity of 2-phenylethyl isothiocyanate from watercress as antimicrobial agent against eleven isolates of <i>Escherichia coli</i>	Alfredo Aires
T3	Genome sequence of <i>Mycobacterium hassiacum</i> , an exceptional source of heat stable mycobacterial proteins toward structure-guided drug discovery	Susana Alarico, Nuno Empadinhas
T4	The mycobacterial glucosylglycerate hydrolase is restricted to rapidly growing species	Susana Alarico, Mafalda Costa
T5	Antimicrobial activities of spices and herbs; A review	Naser A. Al-Wabel
T6	Withdrawn	
T7	Methods to evaluate the Antimicrobial activity of plant natural extracts, essential oils and organic acids	Esteban Leonardo Arosemena Angulo
T8	Effectiveness of corn ceramide in manipulating gut microbiota in mouse with inflammatory bowel disease	Narito Asanuma
T9	<i>In Vitro</i> antimicrobial activity of chestnut fruit and olive leaf residues against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i>	Maria do Carmo Barbosa Mendes de Vasconcelos Bennett
T10	<i>In Vitro</i> antimicrobial activity of <i>Eucalyptus globulus</i> leaf extracts against 16 <i>Pseudomonas aeruginosa</i> isolates	Maria do Carmo, Barbosa Mendes de Vasconcelos Bennett
T11	Effects of sodium lactate on the presence of <i>Staphylococcus aureus</i> and its enterotoxins in cig kofte (raw meatball) during display life	Enver Baris Bingol
T12	The <i>in vitro</i> evaluation of the antiviral activity of <i>Thymus capitatus</i> against infectious bovin rhinotracheitis virus	Ramzi Boubaker El Andalousi
T13	The chemical composition and the antimicrobial activity of the essential oil of <i>Rosmarinus</i> and <i>Lavandula</i> , wild vs cultivated	Ramzi Boubaker El Andalousi
T14	Screening for PKS and NRPS genes in cyanobacteria isolated from the intertidal zones of the Portuguese coast	Ângela Brito
T15	Mycobacterial efflux inhibitors from <i>Aframomum melegueta</i>	Franz Bucar
T16	Screening of methanol Portuguese ethno botanical plant extracts for the antimicrobial activity	Fernando Cardoso
T17	Whole-cell biosensors to elucidate mechanisms of bacterial inhibition by plant secondary metabolites	Andrea Chan
T18	Effects of Sodium Lactate on the Shelf Life of Cig Kofte – A Turkish Traditional Raw Meatball	Hilal Colak
T19	Study of culture conditions for antibacterial metabolites production from marine-derived endophytic <i>Streptomyces</i> sp and online HPLC/ESI-MS analysis.	Ibtissam Djinni
T20	Antistaphylococcal activity of naturally occurring phenols	Fernanda Domingues
T21	Existence of some microbiological and parasitological parameters and statistical analysis of the correlations of honey produced in	Emek Dümen

	Istanbul	
T22	The influence of essential oil of <i>Ocimum basilicum</i> L. and polyphosphate on food microbiota and acceptance of fresh chicken sausage	Ary Fernandes Júnior
T23	Vapor-phase: antimicrobial activities of essential oils	Ary Fernandes Júnior
T24	<i>In vitro</i> antimicrobial properties of coriander (<i>Coriandrum sativum</i>) and parsley (<i>Petroselinum crispum</i>) essential oils encapsulated in β -cyclodextrin	Juana Fernández-López
T25	Antifungal activity of essential oils obtained from two aromatic herbs widely used in the Spanish folk medicine	Juana Fernández-López
T26	Synergistic bacterial inactivation by high hydrostatic pressure and oxidative stress inducing natural compounds	Julie Feyaerts
T28	Withdrawn	
T29	Withdrawn	
T30	Methods to evaluate the Antimicrobial activity of plant natural extracts, essential oils and organic acids	Eduard Grau Noguer
T31	Antibacterial activities and phytochemical composition of <i>Teucrium</i> essential oils from Corsica	Elodie Guinoiseau, Vannina Lorenzi
T32	Evaluation of antibacterial activity of aqueous extracts from selected spices	Elżbieta Hać- Szymańczuk
T33	The effect of <i>Salvia officinalis</i> extracts on the quality of model batters during storage	Elżbieta Hać- Szymańczuk
T34	Transcriptional response of antibiotic producing <i>Bacillus subtilis</i> SC-8 stimulated by signal of <i>Bacillus cereus</i>	Young Tae Hahm
T35	Antimicrobial activity of selected isoflavones	Jana Hummelová
T36	Withdrawn	
T37	Antibacterial activity of pullulan films enriched with extracts from <i>Bergenia crassifolia</i> (L.) Fritsch	Karolina Kraśniewska
T38	Characterization of <i>Streptomyces</i> sp. strain 8812 and its secondary metabolites	Anna Laskowska, Jolanta Solecka
T39	Evaluation of African plant extracts for anti-mycobacterial activity against <i>Mycobacterium tuberculosis</i>	Maria Lerm
T40	Anti-tubercular compounds from an African medicinal plant	Xuan Luo
T41	Evaluation of the activity of natural products in the control of biofilms in a dynamic system	Márcia Teresa Lutterbach
T42	Biochemical studies of maltokinases from mycobacteria and pseudomonads	Ana Maranhã
T43	Bactericidal kinetics, synergistic action and cytotoxic effect of diterpenes from <i>Viguiera arenaria</i>	Carlos Henrique Martins
T44	Inhibitory effect of garlic oil against <i>Aspergillus niger</i> on rubberwood (<i>Hevea brasiliensis</i>)	Narumol Matan
T45	Antimicrobial Activity of <i>Satureja montana</i> from Dalmatia and <i>Thymus capitatus</i> from Greece	Natasa Milojevic
T46	Antioxidant and antimicrobial activity of quinoa seeds (<i>Chenopodium quinoa</i> Willd.) from three geographical zones of Chile	Margarita Miranda
T47	Antimicrobial activity and chemical composition of the essential oil of <i>Satureja thymbra</i> from Lebanon and comparison with its major	Wissem Mnif

	components	
T48	Chemical composition and antibacterial activity of cones essential Oil of <i>Cupressus sempervirens</i> grown in Tunisia	Wissem Mnif
T49	Chemical composition and antibacterial activity of essential Oil from the seeds of <i>Pistacia terebinthus</i> grown in Tunisia	Wissem Mnif
T50	Medicinal plants from Brazilian Caatinga: Antibiofilm activity, cytotoxicity evaluation and phytochemical screening	Laura Nunes Silva
T51	Interaction of Crotonamine with Giant Unilamellar Vesicles	Nancy Oguiura
T52	Antifungal properties of <i>Canavalia ensiformis</i> urease and derived peptides	Melissa Postal
T53	Antimicrobial activity of aqueous <i>Plectranthus</i> spp. extracts	Patricia Rijo
T54	Antimicrobial activity of olive (<i>Olea europaea</i> L. Cv. <i>Chemlali</i>) aerial part	Dhouha Saidana
T55	Studies of the antibacterial and antifungal activity profiles of <i>Olea europaea</i> L. Cv. <i>Arbequina</i>	Dhouha Saidana
T56	Antimicrobial effect of microencapsulated essential oil mixtures in footwear	Magdalena Sanchez-Navarro
T57	A natural biocide microencapsulated by complex coacervation	Magdalena Sanchez-Navarro
T58	<i>Salmonella</i> transmissions from wildlife and food	Hakan Sert
T59	Anti- <i>C. pneumoniae</i> activity and sublingual formulation of biochanin A	Malena Skogman
T61	<i>Casearia sylvestris</i> as inhibitor of inoculation, infection and development of mucocutaneous leishmaniasis in mice	Flavia Souza Coelho
T62	Preclinical evaluation of luffa operculata and its main active principle on the treatment of bacterial rhinosinusitis	Flavia Souza Coelho
T63	GM flax as a source of antimicrobial compounds	Jan Szopa-Skorkowski, Magdalena Zuk
T64	<i>In vitro</i> antimicrobial activity of <i>Distictella elongata</i>	Talita Thomaz Nader
T65	Correlation between the antibacterial activity and the composition of extracts derived from various Spanish <i>Cistus</i> species	Laura Tomás Menor
T66	Competition mediated discovery of novel antimicrobials	Olaf Tyc
T67	Garlic antimicrobial susceptibility in <i>Enterococcus</i> sp strains	Suely Ueda
T68	Antiviral properties of the mulberry plant extracts on human norovirus surrogate.	Mihay Varbanov
T69	Effect of Chilean propolis on the growth and biofilm formation of the oral pathogen <i>Streptococcus mutans</i>	Jorge Jesús Veloz Pérez
T70	Antimicrobial action of the American cranberry constituents at sub-lethal concentrations-examination of membrane stress mechanisms using fluorescence	Vivian Wu
T71	Chemical Composition and Antibacterial Activity of the Essential Oil of <i>Cupressus sempervirens</i> cones from Algeria	Nafila Zouaghi
T72	Antimicrobial effect of bacteriocins produced by lactic acid bacteria isolated from boza, a cereal-based fermented beverage from Bulgaria	Susana Caldas Fonseca
T73	New Antimicrobial and Anti-inflammatory Remedies from Balsam Poplar	Timur Zveryachenko
T74	Application of nisin and chitosan as antimicrobial agents in	Susana Caldas Fonseca

	traditional cured and smoked “Alheira”	
T75	Effect of silver nanoparticles on growth and biofilm formation of Gram-negative bacteria, mechanisms of action	Marina Radzig
T76	Synthesis, characterization and antimicrobial activity of a hydroxyapatite impregnated with silver nanoparticles	Flavio Augusto Cavadas S Andrade
T77	Laccase-catalysed iodination for efficient wood protection against microorganisms	Mark Schubert
T78	Chemical grafting of linear and hyperbranched PEG prevents bacterial colonization of PTFE surfaces	Matthias Gabriel
T79	Prophylactic outcomes of Casbane Diterpene in <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms	Maria Olivia Pereira
T80	The effect of glucose concentration and shaking conditions on <i>Escherichia coli</i> biofilm formation in microtiter plates	Joana Moreira
T81	Combined action of nisin and lysostaphin against biofilm-producing <i>Staphylococcus aureus</i> involved in bovine mastitis	Selda Loase Salustiano Marques
T82	An antibiofilm activity of maggots excretions/secretions against wound pathogens biofilms: the role of larval proteases	Jana Bohova
T83	Inhibition of Biofilm formation by gallic acid and alkyl gallates in <i>Candida orthopsilosis</i> and <i>C. parapsilosis</i> stricto sensu.	Regina Helena Pires
T84	Natural materials Inhibiting Biofilm Formation of <i>Staphylococcus aureus</i>	Hyun Gee Lee
T85	Activity of silver nanoparticles against MRSA tested in a <i>Galleria mellonella</i> model of infection.	Ronald Dixon, Alice Gillett
T86	Nitric oxide releasing-iron oxide magnetic nanoparticle acting on isolated bovine mastitis <i>Staphylococcus aureus</i> and <i>Escherichia coli</i>	Nelson Duran
T87	Antibacterial activity of biogenic silver nanoparticles against isolates from <i>Enterobacteriaceae</i> producers of Beta-lactamases (KPC and ESBL)	Nelson Duran
T88	Novel materials with antibacterial and antifungal activity	Lucia Sessa
T89	Effect of plant extracts of <i>Croton urucurana</i> in reducing biomass of <i>Staphylococcus aureus</i> .	Talita Thomaz Nader
T90	Development of Antagonists Targeting the Transcriptional Regulator PqsR, a Key Player in the <i>Pseudomonas aeruginosa</i> Quorum Sensing Machinery	Michael Zender, Rolf W. Hartmann
T91	Inhibition of <i>Candida albicans</i> biofilm formation on medical-grade silicone-disks by a <i>Lactobacillus</i> -derived biosurfactant	Chiara Ceresa
T92	Antimicrobial effects of pullulan coating enriched with plant extracts on whole pepper (<i>Capsicum annuum</i> L.)	Karolina Kraśniewska
T93	Development of a novel nanostructured antibacterial additive based on silver and vanadium and its potential applications	Raphael Holtz
T94	Affects of human β -defensin-2 and cathelicidin-type peptide LL-37 on biofilm formation by oral bacteria	Shinji Matsuda
T95	Porous titanium coatings for implant applications: the role of surface properties in controlling bacterial colonization	Annabel Braem
T96	New anti-microbial compounds: <i>Aeromonas</i> quorum sensing inhibition by methacrylate-based copolymers	Eliana Cavaleiro
T97	Does the bee locus encode an additional and/or alternative pilus in <i>Enterococcus faecalis</i> ?	Raffael Schaffrath
T98	Search for novel antifungal molecules active against <i>Candida</i> species	Helene Tournu

	biofilms	
T99	Silver impact on <i>Staphylococcus epidermidis</i> adhesion to Ag-TiCN coatings	Isabel Carvalho
T100	The effect of cultivation conditions and disinfectants application on biofilm formation of <i>Listeria monocytogenes</i>	Hana Turonova
T101	Disinfecting effect of standard laundry washing against <i>Candida albicans</i> in textile fabrics	Vanessa Yelina Montañez Izquierdo
T102	Effect of bovicin HC5 on protein synthesis and biofilm formation by <i>Staphylococcus aureus</i>	Natan de Jesus Pimentel-Filho
T103	Antimicrobial surface coatings for water treatment using supercritical fluid technology	Vanessa G. Correia
T104	Antifungal activity of bromelain in <i>Candida</i> pre-formed biofilms	Ana Palmeira de Oliveira
T105	Time course and biofilm formation of methicillin resistant <i>staphylococci</i> from bovine mastitis	Rui Seixas
T106	Bacteria-surface interactions: methodological development for the assessment of implant surface induced effects	Magdalena Zaborowska
T107	Comparison of methods to assess biofilm disinfection and recovery by drinking water-isolated bacteria	Ana Cristina Abreu
T108	Effect of fluconazole on exopolymeric matrix of <i>Candida albicans</i> biofilm	Wander José Silva
T109	Identification of potent anti-biofilm lead compounds based on a natural scaffold	Adyary Fallarero
T110	Arctic bacterial extract with anti-biofilm properties against <i>Staphylococcus aureus</i> biofilms	Malena Skogman
T111	Antibacterial activity of silver-containing packaging materials against lactic acid bacteria associated with meat spoilage	Timo Nieminen
T112	Inhibition of biofilm by allicin in <i>Staphylococcus epidermidis</i> . "Distance effect"	Gregorio Cruz Villalon
T113	Capillary electrophoretic techniques – the possibilities for rapid separation and detection of microorganisms and their resistance monitoring in the future	Marie Horká
T114	Comparison of DNA isolation methods for bacterial community analysis using Terminal Restriction Fragment Length Polymorphism (T-RFLP) in fermented cassava	Tati Barus
T115	Real-time Impedance Monitoring of Pathogen Induced Apoptosis as a Screening Method for Antimicrobial Drug Discovery	Carmen Campbell
T116	Microbial fuel cell based method to detect antibacterial activity of bacteriophages	György Schneider
T117	Withdrawn	
T118	Molecular genotyping of Salmonella Kentucky by pulsed field gel electrophoresis isolated in Morocco	Bouchra Karraouan
T119	<i>Escherichia coli</i> as reservoir for macrolide resistance genes	Jalel Boukadida
T120	Colonization of children by multiresistant bacteria in their admission in a pediatric unit	Jalel Boukadida

FRIDAY, 23rd NOVEMBER 2012		
From 10:45-11:30 and from 16:45-17:30		
Evaluation - Clinical and pre-clinical trials Experimental and Computational Chemistry Resistance and Susceptibility - Mechanisms of action - New Targets		
Code	Title	Presenter(s)
F1	Amikacin pharmacokinetics in critically ill patients undergoing continuous venovenous hemodiafiltration	Esther Carcelero San Martín
F2	PK/PD correlation to achieve the target for vancomycin in adult burns	Silvia Regina Cavani Jorge Santos
F3	Should vancomycin dose regimen must be adjusted for paediatric burn patients to achieve PK/PD target?	Silvia Regina Cavani Jorge Santos
F4	Distribution of OXA enzymes in <i>Acinetobacter baumannii</i> strains at one University hospital in Turkey	Ihsan Hakki Ciftci
F5	Rapid determination of methicillin resistance in <i>Staphylococcus aureus</i>	Ihsan Hakki Ciftci
F6	Cinnamic acid conjugates of primaquine and chloroquine active against <i>Leishmania infantum</i>	Silvia Costa
F7	Effect of tobramycin on some haematological and biochemical parameters in sheep.	Amer Elgerwi
F8	Toll-like receptor 2 (TLR2) 1892C/A (Pro631His) polymorphism in children with recurrent upper respiratory tract infections	Cristian Gheonea
F9	Protective effect of Probuco treatment during malaria infection in mice	Maria Shirley Herbas Costas
F10	<i>Candida</i> infection and colonization among surgical oncology patients	Ioannis Lintzeris
F11	Parasitic infection of appendix: a rare clinical entity	Ioannis Lintzeris
F12	Microbiological effect of repeated antimicrobial photodynamic therapy on subgingival periodontal pathogens in chronic periodontitis	Milan Petelin
F13	Clinical features in critically ill patients treated with micafungin in a fourth level ICU setting	Victoria Trasmonte Martínez
F14	Severe Lymphopenia: Clinical Significance in Critically Ill Patients	Victoria Trasmonte Martínez
F16	Antimicrobial Activity of New Thiazole Derivatives Bearing Pyrazole Moiety	Mehlika Dilek Altintop
F17	New copper (II) complexes with 5,6-dimethylbenzimidazole as effective antimicrobial species	Mihaela Badea
F18	Antimicrobials based on some new Ru(III) antitumor agents	Mihaela Badea
F19	Synthesis of permanent non-leaching antimicrobial polymer nanofibers	Osama Bshena
F20	Synthesis and biological activity against <i>M.tb</i> of aza analogues of the bio-active natural products sampangine and cleistopholine	Davie Cappeloen
F21	Analysis of the cytotoxic and growth inhibitory activities of novel antimicrobial antitumor rebeccamycin analogues in <i>Saccharomyces cerevisiae</i>	Lucas Cavalcante
F22	Bioanalytical method for imipenem plasma monitoring by liquid chromatography for dose adjustment purpose in critically ill patients	Silvia Regina Cavani Jorge Santos

F23	Quinazoline derivatives designed as antimicrobials: spectroscopic studies and microscopy evidence of micro-aggregates formation	Andra – Cristina Dinache
F24	Novel bacterial RNA polymerase inhibitors: Structure activity exploration and optimization of the Aryl-ureidothiophene-carboxylic acids	Walid A. M. Elgaher, Rolf W. Hartmann
F25	Antimicrobial Activity of New Thiazoline Derivatives Bearing Pyrimidine Moiety	Zafer Asim Kaplancikli
F26	Specific functionalization of protein materials (wool and gelatin) with ϵ -poly-L-lysine (ϵ -PL) for tunable antimicrobial properties	Vanja Kokol
F27	Synthesis of salicylanilide derivatives and their antimycobacterial and isocitrate lyase inhibition activities	Martin Krátký
F29	Withdrawn	
F30	Antimicrobial efficiency and cell toxicity of methyl- and dodecyl-beta-glycosides	Catherine Mullié
F31	Complexes of Ni(II) and Cu(II) with ligands derived from N,N-dimethylbiguanide as new effective antimicrobial agents	Rodica Olar
F32	Antimicrobial activity of some new Ru(III) chelates with quinolone derivatives	Rodica Olar
F33	Antimicrobial Activity of New Hydrazone Derivatives Bearing Cyclopentyl Moiety	Ahmet Özdemir
F34	Molecular simulation of membrane interacting novel antimicrobial compounds	Stefano Piotto
F35	Evaluation of a library of AHL structurally related or unrelated compounds including a new family of fimbrolide analogues as modulators of the bacterial quorum sensing	Yves Queneau
F36	Are we using the appropriate dose of antimicrobials for the treatment of urine tract infections in primary care patients?	Manuel Ángel Rodríguez Maresca
F37	Novel diphthamide biosynthesis genes from yeast	Viktor Scheidt
F38	Flexible docking of polymer-polymer interactions for antimicrobial drug design	Vladimir Tsvetkov
F39	Synthesis and <i>in-vitro</i> antimycobacterial activity of novel benzanilides, thiobenzanilides and side products benzoxazoles	Jarmila Vinšová
F40	Synthesis and antimicrobial activity of some hydrazone derivatives	Layla Yurttaş
F41	Antibacterial activity of salicylanilide esters against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	Iveta Zdražilová
F42	<i>In vitro</i> antimycobacterial activity of ring-substituted 3-hydroxynaphthalene-2-carboxanilides	Iveta Zdražilová
F43	Effect of D-tryptophan substitution on the activity and toxicity of tryptophan-rich antimicrobial dendrimers	Paulina Zielińska
F44	High prevalence of the community-associated methicillin-resistant <i>Staphylococcus aureus</i> (CA-MRSA) European clone in healthcare-associated Onco-heamatology unit in Tunisia	Wafa Achour
F45	Bacteremia caused by non-glucose-fermenting Gram-negative bacilli in patients undergoing hematopoietic stem cell transplantation	Wafa Achour
F46	Mechanism of action of curcuminoids as novel lead compounds against <i>Trypanosoma brucei</i> : Thiol depletion by curcumin analogues bearing a mono-enone linker	Abdulsalam Alkhalidi

F47	Plasmid profile of Extended Spectrum β -lactamases (ESBL)-producing <i>Enterobacteriaceae</i> in Jordan	Suhaila Al-sheboul
F48	INPs (inhibitors of the type III secretion system) reduce virulence of <i>Pseudomonas aeruginosa</i> towards A549 alveolar epithelial cells	Ahalieyah Anantharajah
F49	Characterization of <i>Clostridium difficile</i> 027 strains from an outbreak in a Portuguese hospital	Wilson Antunes
F50	Mechanism of tetracycline resistance by ribosomal protection protein Tet(O)	Gemma Atkinson
F51	Aeromonads: Reservoirs of antibiotic resistance determinants	Cinthia Barroco
F52	Amino acid substitutions at residue 207 of viral capsid protein 1 (VP1) confer pleconaril resistance in coxsackievirus B3 (CVB3) without affecting viral replication	Peter Wutzler
F53	Antibiotic resistance patterns among common Gram positive and Gram negative pathogens in clinical isolates from major hospitals in Cairo, Egypt	Aymen Yassin
F54	Antimicrobial resistance of <i>Escherichia coli</i> from broiler chickens	Benito Guimarães De Brito
F55	Antimicrobial resistance of <i>Salmonella</i> spp. isolated from samples of animal meal	Kelly Cristina Tagliari De Brito
F56	Pharmacological effects of tobramycin/macrolides combination on extracellular and intracellular infection by <i>Pseudomonas aeruginosa</i>	Julien Buyck
F57	Polyclonal KPC-3-producing <i>Enterobacteriaceae</i> in Portugal	Manuela Caniça
F58	Diversity of β -lactamase-encoding genes among Gram-negative isolates from water samples in Northern Portugal	Manuela Caniça
F59	Antimicrobial susceptibility in Methicillin-Resistant <i>Staphylococcus</i> (MRS) isolates from poultry in Spain	Rosa Capita
F60	Antibiotic resistance patterns of Vancomycin-Resistant <i>Enterococci</i> (VRE) isolated from raw poultry in Spain	Rosa Capita
F61	Bacteria resistance and tetracyclines residues in aviar manure	Matilde Carballo
F62	Antibiotic contamination of soils: vulnerability map of the northern central part of Spain.	Matilde Carballo
F63	Presence and antibiotic susceptibility patterns of contagious mastitis agents (<i>Staphylococcus aureus</i> and <i>Streptococcus agalactiae</i>) isolated from dairy cow milks with subclinical mastitis	Omer Cetin
F64	Withdrawn	
F65	<i>In vitro</i> susceptibility of <i>Mycobacterium smegmatis</i> and <i>Mycobacterium avium</i> to extracts from Cameroonian medicinal plants.	Valerie Flore Donkeng Donfack
F66	Recombination between ICESsu32457 [<i>tet</i> (O/W/32/O), <i>tet</i> (40), <i>erm</i> (B), <i>aphA</i> , <i>aadE</i>] of <i>Streptococcus suis</i> and ICESa2603 of <i>Streptococcus agalactiae</i> 2603V/R (<i>cadC/cadA</i> , <i>mer</i>) yields a multiresistant hybrid ICE transferable to <i>Streptococcus pyogenes</i>	Bruna Facinelli
F67	Genetic diversity, antibiotic resistance and biofilm-forming ability of <i>Acinetobacter baumannii</i> isolated from a Portuguese hospital	Susana Ferreira
F68	A role for iron-sulfur clusters biogenesis in fluconazole tolerance	Alessandro Fiori
F69	Identification of molecular targets associated with resistance or sensibility to rebeccamycin analogs using <i>Saccharomyces cerevisiae</i> as a model cell	Graziele Fonseca de Sousa

F70	Multidrug resistant bacteria isolated from retail chicken meat, broiler feces and activated sludge in Styria/Austria	Herbert Galler
F71	Multidrug-resistant bacteria in minced meat	Herbert Galler
F73	Phenotypic and genotypic characteristics of carbapeneme resistance in <i>Pseudomonas</i> and <i>Acinetobacter</i> strains isolated from blood cultures	Nevriye Gonullu
F74	Carbapenemase-producing <i>Enterobacteriaceae</i> isolated from blood cultures of hospitalized patients in Turkey	Nevriye Gonullu, Fatma Koksak Cakırlar
F75	Distribution and persistence of antimicrobial resistant <i>E. coli</i> on British turkey farms	Rebecca Gosling
F76	Antimicrobial resistance of thermotolerant <i>Campylobacter</i> isolated strains from broilers in Algiers	Taha Mossadak Hamdi
F77	Antimicrobial susceptibility of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> strains isolated from turkeys slaughterhouses in the area of Algiers (Algeria)	Taha Mossadak Hamdi
F78	Thiostrepton inhibits <i>E. coli</i> stringent response factor RelA in an L11-independent manner	Vasili Haurlyuk
F80	Mutant prevention concentration of Ciprofloxacin in resistant strains of <i>staphylococcus epidermidis</i>	Rachel Houser, Pamela Yeh
F81	Modulation of Autophagy in Japanese Encephalitis Virus Infection	Kao-Jean Huang
F82	The role of <i>Campylobacter</i> surface N-link glycosylated proteins and capsule in interaction with host cell receptors	Andrey Karlyshev
F83	Aquaculture as an impact factor for antimicrobial resistance: What do we know so far? Results of the German National Antibiotic Resistance Monitoring (GERM-Vet)	Heike Kaspar
F84	Inhibitory activities of 2',3'-dideoxy carbocyclic thymidine derivatives against <i>Plasmodium falciparum</i> thymidylate kinase	Yukio Kitade
F85	The antimicrobial resistance patterns, epidemiological and molecular characterization of vancomycin-resistant enterococci isolated from rectal swab samples of hospitalized patients in Turkey	Fatma Koksak Cakırlar
F86	In-home and through-home transmission of antimicrobial resistance between human and pets	Liliana Raquel Leite Martins
F87	Culture media for isolation of <i>Staphylococcus pseudointermedius</i> and <i>Staphylococcus</i> spp coagulase positive prevalence in domestic animals, veterinary practitioners, veterinary auxiliary workers and environment of a Veterinary Hospital	Liliana Raquel Leite Martins
F88	Vancomycin-resistant enterococci in rooks (<i>Corvus frugilegus</i>) wintering throughout Europe	Ivan Literak
F89	Clonal group A (CgA), quinolones and trimethoprim/sulfamethoxazole resistance in relation to virulence determinants among uropathogenic <i>E. coli</i> strains	Angel Manjarrez-Hernandez
F90	Prevalence and Antibiotic Susceptibility Profiles of <i>Escherichia coli</i> O157:H7 from Cattle Slaughterhouse in Brazil	Natália Maramarques Nespole
F91	Determination of <i>mecA</i> and <i>PVL</i> carriage in a methicillin susceptible <i>Staphylococcus aureus</i> isolated from a public washroom	Hermine Mkrtchyan
F92	Relatedness of Carbapenem Resistant of Clinical Isolates of <i>Acinetobacter baumannii</i> by Repetitive Element PCR-Mediated DNA Fingerprinting in an Egyptian hospital	Mona Mohiedden Abdelhaleim Mohiedden
F93	Methicillin resistant <i>Staphylococcus aureus</i> (MRSA) in chickens	Stéphanie Nemeghaire

F94	Isolation and analysis of <i>Klebsiella pneumoniae</i> ATCC10031 multidrug resistant mutants	Wakano Ogawa
F95	Prevalence and antibiotic susceptibility of <i>Staphylococcus aureus</i> from mastitis bovine in Lavras, Minas Gerais, Brazil	Roberto Maciel Oliveira
F96	New insights into the <i>Aeromonas</i> resistome	Nádia Osório
F97	Genome-Wide Enrichment Screening Reveals Multiple Targets and Resistance Genes for Triclosan in <i>Escherichia coli</i>	Jae-Gu Pan
F98	Food-grade Antimicrobial Xanthorrhizol Targets FabI, Fatty Acid Desaturase of Fatty Acid Synthesis Pathway, in Bacteria	Jae-Gu Pan
F99	<i>In vitro</i> activity of antibiotics against biofilms produced by MRSA SCCmec IV isolates from hospitals in Rio de Janeiro	Maria Olivia Pereira
F100	Proteomic evaluation of Multiple Antibiotic-Resistant <i>Escherichia coli</i> recovered from slaughtered pigs	Sónia Ramos
F101	Multilocus Sequence Typing of Vancomycin-Resistant <i>Enterococcus faecium</i> isolated from pigs in Portugal	Sónia Ramos
F102	Antibiotic susceptibility and plasmid profiles of <i>Pseudomonas aeruginosa</i> strains isolated from burned patients in Tehran, Iran	Reza Ranjbar
F103	Increased antibiotic resistance and characterization of <i>Shigella sonnei</i> strains isolated from pediatric patients in Tehran, Iran (2008-2010)	Reza Ranjbar
F104	Induction of cell death and vacuole destruction in <i>Saccharomyces cerevisiae</i> with lauric acid and its diglycerol ester	Jin Sakamoto, Tetsuaki Tsuchido
F105	Stress susceptibility/resistance matrix of <i>Bacillus subtilis</i> multiple mutants defective in antioxidative systems	Jin Sakamoto, Tetsuaki Tsuchido
F106	Prevalence of integrons in inanimate surfaces within Hospital Infante D. Pedro, Aveiro, Central Portugal	Cátia Santos
F107	KPC-3 produced by <i>Klebsiella</i> spp. isolated from inanimate hospital surfaces in Aveiro, Central Portugal	Cátia Santos
F108	Antimicrobial susceptibility of food isolates of <i>Listeria</i> spp., <i>Escherichia coli</i> , <i>Salmonella</i> spp. and <i>Staphylococcus coagulase</i> positive	Cristina Santos Pintado
F109	Ceramide-dependent eukaryal cell death requires a novel type-2A phosphatase	Raffael Schaffrath
F110	Emergence of antibiotic resistant <i>Listeria</i> spp.: a concern for public health	Teresa Semedo-Lemsaddek
F111	High prevalence of multidrug-resistant food related enterococci	Teresa Semedo-Lemsaddek
F112	Isolation of methicillin-resistant <i>Staphylococcus aureus</i> in small ruminants and their carcasses in Greece	Daniel Sergelidis
F113	Luria-Delbruck fluctuations and the Mutant Prevention Concentration	Lacey Shultz, Pamela Yeh
F114	Inactivation of RlmA ^{II} confers the telithromycin-resistance to <i>Streptococcus pneumoniae</i>	Akiko Takaya, Tomoko Yamamoto
F115	Indoor airborne multiple antibiotic resistant <i>Enterobacteriaceae</i> from an urban wastewater treatment plant	Juliana Teixeira
F116	Influence of Piperacillin/tazobactam and Meropenem on the selection of resistant organisms	Victoria Trasmonte Martínez
F117	Antifungal prophylaxis and treatment with micafungin in critically ill patients	Victoria Trasmonte Martínez

F118	Epidemic intelligence for enhancement of the early detection of resistant strains emergence	Laetitia Vaillant
F119	Virulence of <i>Acinetobacter baumannii</i> is not diminished following adaptation to colistin	Mathew Wand
F120	<i>Salmonella enterica</i> serovar Typhimurium in edible ice and beverages in Jakarta, Indonesia: Virulence and their antimicrobial resistance properties	Diana Elizabeth Waturangi

VIRTUAL PRESENTATIONS (ONLINE PLATFORM AT THE CONFERENCE WEBSITE)

Action of chitosan, nisin and sodium lactate on the inhibition and cell membrane damage of <i>Listeria innocua</i> and <i>Shewanella putrefaciens</i>	Carmen Campos
Addition of resveratrol to smoked sea bass (<i>Dicentrarchus labrax</i>) fillets in order to achieve a longer shelf life	Olalla Martinez
The influence of filling material “Radent” on the viability of microorganisms, isolated from patients with periodontitis	Anatoliy Godovalov
Antimicrobial effect of sodium fluoride on <i>S. mutans</i> and <i>Lactobacillus</i> spp. in saliva	Kristina Peros
Elimination of <i>P. aeruginosa</i> and <i>P. mirabilis</i> in mice by treatment with Marbofloxacin	Juliane Pereira Afonso
Evaluation of the Erbio:YAG Laser’s antimicrobial effects and its damage control of the bone tissue after five years	Fernanda Francisco Garcia de Freitas
Researchers, physicians, patients - don't be Lost in Translation	Kristina Peros
Phytochemical and antiinfective studies of <i>Alchornea cordifolia</i> leaf extracts and sub-fractions against bacteria isolates from wound infection	Gbonjubola Adeshina
Effect of the combined use of cinnamon oil and stevia on growth rate of <i>Zygosaccharomyces bailii</i>	Maria Fernanda Gliemmo
Isolation of actinomycetes producing antimicrobial substances from Bechar region (southwestern Algeria)	Omar Messaoudi
Antimicrobial activity of purple basil (<i>Ocimum basilicum</i> var. <i>purpurascens</i>)	Filomena Nazzaro
Influence of cutting shape on microbiological quality of fresh-cut summer squash washed with sodium hypochlorite solution	Alicia Fayos
Occurrence, species distribution and antimicrobial resistance of <i>staphylococci</i> in the nasal cavity of horses and horse personnel in Andalusia	Fernando Cardoso Tose
Prevalence and management of fungicide resistance in <i>Fusarium</i> spp. infecting potatoes in Canada	Rick Peters
MIC determination of new antimicrobial agents in coagulase-negative <i>staphylococci</i> resistant to oxacillin isolated from patients in a Brazilian hospital	Maria de Lourdes Ribeiro de Souza da Cunha
1, 4-Diaryl-2-mercaptoimidazoles derivatives: Design, synthesis, antimicrobial evaluation and computational Studies	Girish Kumar Gupta