



**IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld2011)
14-16 September, 2011, Torremolinos (Spain)**

FINAL PROGRAM

You are strongly recommended to print the Program out just before leaving for Spain, as some minute changes can be introduced as result of last-minute notifications of participants. In any case, all participants will receive a printed version of the updated Program.

Oral presentations

- Oral presentations will take place according to the following general structure in three different halls (HALL1, HALL2 and HALL3) inside the conference venue ("Palacio de Congresos y Exposiciones Costa del Sol-Torremolinos") (Torremolinos Congress Center)
- The conference presentations will start on Wednesday 14 September at 11:00 AM, although there will be a registration period from 9:00 to 11:00 AM. The Conference will finish on Friday 16 September around 5:00 PM. In any case, attendees will be able to pick the conference materials up at the secretariat desk at any time during the conference.

ORAL PRESENTATIONS SCHEDULE		
WEDNESDAY, 14 SEPTEMBER 2011	THURSDAY, 15 SEPTEMBER 2011	FRIDAY, 16 SEPTEMBER 2011
<ul style="list-style-type: none"> • Environmental, Marine, Aquatic Microbiology. Geomicrobiology • Medical Microbiology - Pharmaceutical Microbiology - Antimicrobial agents and chemotherapy • Biotechnologically Relevant Enzymes and Protein: 	<ul style="list-style-type: none"> • Industrial Microbiology - Future Bioindustries • Biodegradation and Bioremediation • Food Microbiology • Agriculture, Soil, Forest Microbiology 	<ul style="list-style-type: none"> • Biofilms • Microbial Physiology, Metabolism and Gene Expression • Methods - Quantitative Models and Bioinformatics in Microbiology - Technology development

Poster presentations

- Please check the code given to your poster: the letter of your poster code gives you the day in which your poster should be posted, and the number indicates which panel you should stick your poster to (e.g. T-32 stands for that the poster is expected to be presented on Thursday (T), and on the panel number 32 (32)).
- There will be 5 poster sessions at the EXHIBITION HALL of conference venue (Torremolinos Congress Center), according the following schedule:

POSTER PRESENTATIONS SCHEDULE		
Day	Time	Sessions
Wednesday, 14 September	16:45-18:00	<ul style="list-style-type: none"> • Environmental, Marine, Aquatic Microbiology, Geomicrobiology • Biotechnologically Relevant Enzymes and Proteins • Medical Microbiology - Pharmaceutical Microbiology - Antimicrobial agents and chemotherapy
Thursday, 15 September	10:45-11:30	<ul style="list-style-type: none"> • Agriculture, Soil, Forest Microbiology • Food Microbiology • Industrial Microbiology - Future Bioindustries • Biodegradation and Bioremediation
	16:45-17:30	
Friday, 16 September	10:45-11:30	<ul style="list-style-type: none"> • Biofilms • Methods - Quantitative Models and Bioinformatics in Microbiology - Technology development • Microbial Physiology, Metabolism and Gene Expression
	16:15-17:00	

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

ORAL PRESENTATIONS

WEDNESDAY, 14 SEPTEMBER (HALL 1)	
Environmental, Marine, Aquatic Microbiology. Geomicrobiology	
9:00-11:00	REGISTRATION & COFFEE (Registration can also be done at any time during the Conference)
Chair: Antonet Svircev (Canada)	
11:00-11:30	Keynote: Bacteriophages in Agriculture: Aerial Control of a Plant Pathogen in the Orchard Antonet Svircev
11:30-11:45	Genetic diversity of <i>E. coli</i> that persisted in the sediment of a subtropical intertidal mudflat Stanley Lau
11:45-12:00	Expression profiling of marine microbial communities with 454 pyrosequencing Anna Klindworth
12:00-12:15	Effects of coal ash application on the microbial population of a tropical soil Patricia Österreicher
12:15-12:30	A microcosm study on the die-off response of the indicator bacteria, <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> Juan Du
12:30-12:45	Inhibition of bacterial pyrite leaching by surfactants Bianca Florian
12:45-13:00	Bioleaching of metals (Cu, Fe and Ag) from chalcopyrite ore by <i>Acidiphile</i> group of bacteria Rajasekar Aruliah
13:00-13:15	Bioleaching of precious metals from low-grade copper ores using mixed consortium in air-uplift bioreactors: performance evaluation under single and two stage configurations Rajasekar Aruliah
13:15-13:30	Biototoxicity assessment of heavy metals in soils by solid-phase applications of microbial biosensors Wei Ma
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Thomas Maskow (Germany)	
14:45-15:00	Molecular basis of electron transfer mechanisms supporting extracellular respiration in <i>Shewanella oneidensis</i> Catarina Paquete
15:00-15:15	Effects of different quorum sensing molecules on attachment and biofilm formation of acidophilic, moderately thermophilic microorganisms Noel Nanni
15:15-15:30	Microbial Risk Assessment for Food and Water Safety: Challenges for Developing

	Countries. Chukwudi Anyanwu
15:30-15:45	Characterization of the <i>Legionella</i> and the non-<i>Legionella</i> bacterial community composition in a biological treatment plant Else Marie Fykse
15:45-16:00	Indoor mould ecology resembles ecological strategies in natural environments María Paz Nuñez García
16:00-16:15	Effects of excreted OTC in manure on biogas digesters in terms of microbial populations and biogas production Gokhan Turker, Bahar Ince, Orhan Ince
16:15-16:30	Evaluation of biogas production potential of <i>Spirulina Platensis</i> Aysenur Ugurlu
16:30-16:45	Biocontrol of bacterial pathogen by cyanobacteria in Arabidopsis: Are cytokinins involved? Hussain Anwar
16:45-18:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: TBA	
18:00-18:15	Biodegradation of Acetaminophen by Microbial Consortium of Domestic Sewage Sludge Basavaraju Manu
18:15-18:30	Determination of Anaerobic and Anoxic Biodegradation Capacity of Sulfamethoxazole and The Effects on Mixed Microbial Culture Bahar Ince, Zeynep Cetecioglu, Orhan Ince
18:30-18:45	Quantifying microbial degradation of trace pollutants with Isothermal Titration Calorimetry (ITC) Thomas Maskow, Frida Mariana
18:45-19:00	Degradation of sulfamethoxazole by pure strains isolated from an acclimated membrane bioreactor Boris Alexander Kolvenbach
19:00-19:15	Environmental surveillance of human parechovirus and enterovirus in sewage using molecular methods Willemijn Lodder
19:15-19:30	Presence of virulence traits and antibiotic resistance among enterococci isolated from Eurasian otter (<i>Lutra lutra</i> Linnaeus, 1758) in Portugal Claudia Nóbrega, Manuela Oliveira
WEDNESDAY, 14 SEPTEMBER (HALL 2)	
Medical & Pharmaceutical Microbiology - Antimicrobial agents and Chemotherapy	
Chair: Carsten Suhr Jacobsen (Denmark)	
14:45-15:00	Immunomodulatory molecules of the probiotic <i>Lactobacillus rhamnosus</i> GG Sarah Lebeer
15:00-15:15	Construction and immunobiological evaluation of a novel aromatic-dependent

	<i>Bordetella pertussis</i> using the pertussis mouse model system. Trilochan Mukkur
15:15-15:30	Monitoring the effect of plasmid DNA fermentation strategies on host cell physiology and plasmid stability Filomena Almeida Silva, Fernanda Da Conceição Domingues
15:30-15:45	Identification and Multiple drug resistance of bacterial isolates from effluents collected from pharmaceuticals industry, Islamabad Ifra Ghori
15:45-16:00	Adaptive proteome changes in population of erythromycin resistant <i>Escherichia coli</i> during continuous cultivation in the presence of low concentration of the antibiotic Jaroslav Weiser
16:00-16:15	Phenotypic and genotypic approach to ciprofloxacin resistance in <i>Campylobacter</i> from human and broiler in Portugal: the contribution of an efflux pump inhibitor Ana Filipa Martins, Maria João Franqueza
16:15-16:30	Characterization of <i>Staphylococcus aureus</i> Isolated from Healthy Children in Portugal Ana Isabel Castro
16:30-16:45	A formulation of olive oils (oHo) shows potent antimicrobial activities <i>in vitro</i> and in patients with atopic dermatitis (AD) colonized by <i>S. aureus</i> Vicente G. Villarubia
16:45-18:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Sarah Lebeer (Belgium)	
18:00-18:15	Quorum sensing inhibitors from epiphytic bacteria isolated from wild berries Suha Abudoleh
18:15-18:30	Complementary and alternative medicine approach for treating topical bacterial infections Shelley Haydel
18:30-18:45	The role of oxidative stress in the antibacterial mechanism of action of a natural clay mineral mixture Caitlin Otto, Shelley Haydel
18:45-19:00	Impact of nutritional conditions on colony morphology variants isolated from <i>P. aeruginosa</i> and <i>S. aureus</i> biofilms Ana Sousa, Idalina Machado
19:00-19:15	Characterization of <i>Bacillus thuringiensis</i> strains under the umbrella of a Brazil-Cuba cooperation on bioinsecticides Deise Maria Fontana Capalbo, Iracema Oliveira Moraes
19:15-19:30	Growth of <i>Escherichia coli</i> O157:H7 on packed fresh-cut lettuce treated with electrolyzed water Guiomar Denisse Posada Izquierdo
19:30-19:45	Simultaneous and rapid detection of <i>Bacillus anthracis</i>, <i>Salmonella typhi</i> and <i>Yersinia pestis</i> by multiplex PCR Ali Karami
19:45-20:00	Production the probiotic chewing gum containing LAB, An effective way to enhance biofilm production capacity of <i>Streptococcus mutans</i>

	Erfan Akbarnia
20:00-20:15	In vitro antimicrobial susceptibility of single and mixed populations in Cystic Fibrosis: the role of novel microorganisms Susana Lopes
WEDNESDAY, 14 SEPTEMBER (HALL 3)	
Biotechnologically Relevant Enzymes and Proteins	
Chair: Igor B. Jouline (USA)	
14:45-15:00	Cellulases: ambiguous nonhomologous enzymes in a genomic perspective Igor B. Jouline
15:00-15:15	Identification of Metabolic States and their Relation to Operational Conditions in Urokinase Production by HT1080 Cells James Gomes
15:15-15:30	First crystal structure of thermostable L-lysine 6-dehydrogenase as an NAD-dependent amine dehydrogenase Toshihisa Ohshima
15:30-15:45	Nuclear targeting of a bacterial integrase which mediates site-specific recombination between bacterial and human target sequences Matxalen Llosa
15:45-16:00	Bioconversion of wheat bran into polygalacturonase using <i>Aspergillus sojae</i> in solid-state fermentation Hande Demir
16:00-16:15	Comparison of extracted orange peel and whole orange peel in terms of polygalacturonase production using <i>Aspergillus sojae</i> mutant strain Nihan Gogus
16:15-16:30	Cloning and characterization of a new phosphatase gene from <i>Pseudomonas putida</i> strain P13 Mohammad Reza Sarikhani
16:30-16:45	Impact of agitation on metabolic heat in Real Time Calorimeter (RTCa) and product formation of <i>Aspergillus tamarii</i> by submerged fermentation Balaji Dhandapani
16:45-18:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Joseph Kreit (Morocco)	
18:00-18:15	Bioprocess development for the production of alkaline protease by a local archaea <i>Natrialba wudunaoensis</i> AW34 isolated from Natron Soda Lake using Response Surface Methodology Abdel Fattah Yasser Refaat
18:15-18:30	The molecular biology of <i>Penicillium echinulatum cellulolytic</i> system: gene cloning, heterologous expression and transcription regulation studies Marcio José Poças Fonseca
18:30-18:45	Optimizing some factors affecting acid protease production by <i>Rhizopus stolonifer</i> : purification and characterization

	Fazouane Fethia
19:00-19:15	Biodegradation of native feather keratin by the recombinant strain of <i>Bacillus subtilis</i> dnaC 30 temperature sensitive mutant Alili Malika

THURSDAY, 15 SEPTEMBER (HALL 1)

Industrial Microbiology - Future Bioindustries
Biodegradation and Bioremediation

Chair: James Gomes (India)

09:00-10:00	Keynote: Advances in feeding strategies of high cell density cultivation of <i>E. coli</i> and <i>Pichia pastoris</i> for production of recombinant proteins Seyed Abbas Shojaosadati
	Keynote: Overcoming limiting steps to optimize secretory protein production in Streptomyces Rafael Perez Mellado
10:00-10:15	Comparison of Lovastatin Synthesis using Glucose and Lactose by Metabolic Flux Analysis James Gomes
10:15-10:30	Synthesis of branched chain amino acids in <i>Escherichia coli</i> at oscillating conditions in a scale down two-compartment reactor Eva Brand
10:30-10:45	Extremophilic bacteria as a new source for nanoparticles and urease production Gholamreza Salehi Jouzani
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
11:30-11:45	Sulfate Reducing Bacteria -an important agent for Bio-fouling in cooling water system of fertilizer industries Nita J. Naik
11:45-12:00	<i>Lactobacilli</i> : Their Role and Importance in Contemporary Food and Pharmaceutical Industry Myrto Panagiota Zacharof
12:00-12:15	An innovative growth strategy for propagation and bacteriocin production of <i>Lactobacilli</i> Myrto Panagiota Zacharof
12:15-12:30	Growth and Productivity Impacts of Periplasmic Nuclease Expression in an <i>Escherichia coli</i> Fab' Fragment Production Strain Darren Nesbeth
12:30-12:45	Characterization of new xylanases from <i>Penicillium canescens</i> Olga Koroleva, Tatyana Fedorova
12:45-13:00	Docosahexaenoic Acid Production by Heterotrophic Microalga, <i>Cryptocodinium Cohnii</i> in Whey and Corn Steep Liquor Medium Müge Isleten-Hosoglu , Murat Elibol
13:00-13:15	Polygalacturonases from plant pathogenic fungi and their role in fruit juice factories Naser Farrokhi, Saeed Aminzadeh
13:15-13:30	Brazilian biodiversity in a Culture Collection devoted to the identification and preservation of microorganisms useful in Environmental, Industrial and Applied Microbiology Iracema Oliveira Moraes, Deise Maria Fontana Capalbo

13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Rafael Perez Mellado (Spain)	
14:45-15:00	Study of culture media water activity for <i>Bacillus thuringiensis</i> production by solid state fermentation. Iracema Oliveira Moraes
15:00-15:15	Vat dyeing with woad: implementation of an eco-friendly biotechnological process Lucia Aquilanti
15:15-15:30	Kinetics of batch and fed-batch fermentations using carob pod extract by an ethanol-tolerant strain of <i>Saccharomyces cerevisiae</i> on aerated STR M. Emilia Lima-Costa
15:30-15:45	Solid state fermentation of Mexican oregano wastes Norma Paola Meléndez Rentería
15:45-16:00	Biodegradation of pomegranate ellagitannins Juan Alberto Ascacio Valdés
16:00-16:15	Hexavalent chromium reduction by bacteria from tannery effluent Rida Batool
16:15-16:30	Development of a clean and environmental-friendly process for the treatment of industrial effluents containing heavy metals Manuela Dias Machado
16:30-16:45	eMBR: Bioinformatics Resources for Bioremediation Research Chijioke Obiome Elekwachi
16:45-17:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Seyed Abbas Shojaosadati (Iran)	
17:30-17:45	Microbial electricity generation enhances PBDEs degradation by stimulating microbial viability Meiying Xu, Guoping Sun, Jun Guo
17:45-18:00	Biodegradation of fluoroquinolones by a bacterial consortium Anouk Duque
18:00-18:15	Modulating Bacterial Deposition in Saturated Porous Media with Biostimulants Celia Jimenez-Sanchez
18:15-18:30	Biosurfactant production from agro-industrial residue by <i>Pseudomonas aeruginosa</i> LBI Ederio Bidoia
18:30-18:45	Possibility of use of the symbiotic couple <i>Retama sphaerocarpa-Bradyrhizobium</i> in the bioremediation of the degraded and affected soils Boulila Farida, Katia Djenadi
18:45-19:00	Taxonomic analysis, degradation kinetics and soil microcosm studies of an abamectin-degrading <i>Burkholderia diffusa</i> GB-01 strain Ali Shinawar Waseem
19:00-19:15	Bioaugmentation of Microbial Consortia and Supplementation of Bulking Agentsin

19:15-19:30	Removal of Crude Oil from Soil Ainon Hamzah Petroleum products biodegradation profile similarity evaluated by F test comparison of weekly CO₂ production Ederio Bidoia
19:30-19:45	An investigation of mixed microbial populations for use in the treatment of waste fats, oils and greases (FOGs) Markella Tzirita
19:45-20:00	Migration and biodegradation of mineral oil in tropical soil Patricia Österreicher
THURSDAY, 15 SEPTEMBER (HALL 2)	
Food Microbiology	
Chair: Wanilada Rungrassamee (Thailand)	
11:30-11:45	Development of bacteria identification chip to detect the lactic acid bacteria in Thai fermented sausage Wanilada Rungrassamee
11:45-12:00	Binding ability of lactobacillaceae Williams Turpin
12:00-12:15	Use of genetic screening to evaluate the lactobacillaceae survival to low pH and bile salts Williams Turpin
12:15-12:30	The role of <i>Pseudomonas</i> and aerobe spore-formers in bacterial spoilage of milk and dairy products Valerie De Jonghe, Sophie Marchand
12:30-12:45	Inhibition of <i>Campylobacter</i> by Tunisian chicken cæcum isolates of <i>Lactobacillus salivarius</i> Xavier Dousset, Messaoudi Soumaya
12:45-13:00	Destabilization and off-flavors generated by <i>Pseudomonas</i> proteases during or after UHT processing Sophie Marchand
13:00-13:15	Application of <i>recA</i> gene to identify <i>Lactobacillus</i> Species in Lighvan Cheese Mahmoud Sheikh-Zeinoddin
13:15-13:30	Identification of a new lytic bacteriophage against <i>Lactococcus lactis</i> from natural whey starter cultures used in the production of the Italian buffalo Mozzarella cheese Giuseppe Aprea
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Gemma Castellá (Spain)	
14:45-15:00	A single strand conformation polymorphism — PCR method for analysing cheese fungal communities Antoine Hermet, Jean Luc Jany
15:00-15:15	Stimulatory effect of novel polyphenol-based supplements from olive mill waste on the

	growth and acid production of lactic acid bacteria Ioannis Giavasis, Konstantinos Petrotos
15:15-15:30	Isolation and Identification of Lactic Acid Bacteria, Partially Purified Bacteriocin and Molecular Characterization Using 16S rRNA from Cacao Fermentation in West Sumatra, Indonesia Sumaryati Syukur
15:30-15:45	Behaviour of <i>Listeria monocytogenes</i> 437/07 serovar 1/2b on minced beef stored under aerobic conditions at 8 ± 1 °C with presence of combined essential oils Djamel Djenane
15:45-16:00	Application of an active zein film containing partially purified lysozyme and Na₂EDTA to improve the storability of cold-stored ground beef patties İlke Uysal Ünalán
16:00-16:15	Antibiotic resistant enterococci isolated from Portuguese traditional fermented meat products Sara Correia Santos, Antonio Salvador Barreto, Claudia Nóbrega
16:15-16:30	A novel fibrinolytic enzymes-producing species of <i>Virgibacillus</i> isolated from fish sauce fermentation Jirawat Yongsawatdigul
16:30-16:45	Characterisation of the spoilage microbiota in raw salmon steaks (<i>Salmo salar</i>) stored under vacuum or modified atmosphere packaging combining conventional methods and PCR-TTGE Xavier Dousset
16:45-17:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: TBA	
17:30-17:45	Nutritional upgradation of animal feed produced by solid- state bioconversion of wheat straw in an industrial scale bioreactor Bhuvnesh Shrivastava, Ramesh Chander Kuhad, James Gomes
17:45-18:00	Alternative method for airborne contamination control in food industry Esmeralda Carvalho, Elina Machefer
18:00-18:15	Antimicrobial mechanism of Ib-AMP1 against Foodborne Pathogens Karl R. Matthews
18:15-18:30	Development of a Real Time PCR system for detection of ochratoxin A-producing strains of the <i>Aspergillus niger</i> aggregate Gemma Castellá
18:30-18:45	Characterization of the total phenolic content, antioxidant and antimicrobial properties of acorn extracts (from <i>Quercus ilex</i> and <i>Quercus suber</i>) Sara Silva
18:45-19:00	Virulence genes and clonality in <i>Campylobacter jejuni</i> isolates from human and poultry at Portugal José Santos, Maria João Franqueza
19:00-19:15	Optimization and standardization of sample preparation with the Bead-beating technology in microbiology studies Esmeralda Carvalho, Elina Machefer

THURSDAY, 15 SEPTEMBER (HALL 3)	
Agriculture, Soil, Forest Microbiology	
Chair: Solange Oliveira (Portugal)	
11:30-11:45	Starved bacteria retain their size but lose culturability - Lessons from a 5000 years old undisturbed A-horizon Carsten Suhr Jacobsen
11:45-12:00	Monitoring infection risk for air and soil borne fungal plant pathogens using Antibody and DNA techniques and mathematical models describing environmental parameters Roy Kennedy, Alison Wakeham
12:00-12:15	The application of hydrocarbonoclastic fungi for the bioremediation of weathered crude oil Andrew Ball
12:15-12:30	Phosphate Solubilization by Fungi Isolated from Alkaline Soils Vinay Sharma
12:30-12:45	Ultra-pure, autochthonous mycorrhiza-based industrial inoculants enhance crop quality and production while increasing microbial biodiversity and soil stability Alberto Bago Pastor
12:45-13:00	Dynamics of symbiotic bacteria populations elicited by their co-migration with the host plants into the novel soil environments Nikolay Provorov
13:00-13:15	The Use of the Plants for the Removal of Toxic Metals form Contaminated Soil in Agricultural Land around Aluminum Industrial Complex Samira Ghiyasi
13:15-13:30	Actively N₂O Emitting β-Proteobacteria from South East Asian Tropical Peatland Soils – Their Physicochemical Responses, Genetic Traits and Probable Origins – Yasuyuki Hashidoko
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Vinay Sharma (India)	
14:45-15:00	Interaction of biological control agent <i>Serratia plymuthica</i> A30 with blackleg causing biovar 3 <i>Dickeya</i> spp. in vitro and in planta Robert Czajkowski
15:00-15:15	Chickpea growth promotion ability of a mesorhizobia strain expressing an exogenous ACC deaminase gene Solange Oliveira, Clarisse Brígido
15:15-15:30	Expression of an exogenous ACC deaminase gene in chickpea mesorhizobia promotes plant growth under salinity Clarisse Brígido, Solange Oliveira
15:30-15:45	Survey of chickpea rhizobia in Portugal: genetic diversity and stress tolerance Solange Oliveira, Clarisse Brígido, Ana Alexandre, Marta Laranjo
15:45-16:00	A new clade of <i>Mesorhizobium</i> nodulating chickpea

	Marta Laranjo, Ana Alexandre, Solange Oliveira
16:00-16:15	Soil bacteria contributing to nitrogen cycle in Finnish Lapland forest limit under different vegetation Shintaro Hara, Yasuyuki Hashidoko
16:15-16:30	A novel approach to determine the nitrogen fixation ability of cyanobacterial strains Sumaira Mazhar
16:30-16:45	Fungicidal Effect of Polymers Nu Film 17 and Nu Film P Snezana Rajkovic, Miroslava Markovic
16:45-17:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
17:30-17:45	Identification of genes involved in toxicity of the Mexican bacteria <i>Serratia entomophila</i> Mor4.1 pathogenic against root damaging larvae of <i>Phyllophaga blanchardi</i> María Eugenia Nuñez Valdez
17:45-18:00	Characterization of the microbial community of Parícutín volcano, Michoacán, México. Georgina Reyna López, Miguel Medrano Santillana

FRIDAY, 16 SEPTEMBER (HALL 1)

Biofilms	
Chair: TBA	
09:00-09:30	Keynote: The haloacid operon of <i>Burkholderia sp.</i> MBA4 is catabolically repressed Jimmy Tsang
09:30-09:45	<i>In situ</i> assessment of antibacterial activity of dermaseptine S4 derivatives against <i>Pseudomonas fluorescens</i> nascent biofilms by using ATR-FTIR spectroscopy Francois Humbert
09:45-10:00	Membrane tubules 60-90 nm in diameter interconnect <i>Salmonella</i> Typhimurium in biofilms and attach bacteria to substrata and host cells Svetlana Galkina
10:00-10:15	Bioactive bacterial exopolysaccharides : modification, characterization and effects on bone remodeling Sylvia Colliec-Jouault
10:15-10:30	Anti-infective ophthalmic biomaterial surfaces based on surface-localised sensitiser Rebecca Craig
10:30-10:45	Mathematical modelling and numerical simulations for multispecies biofilm formation Bernardino D'Acunto, Luigi Frunzo
10:45-11:30	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
Chair: Jaroslav Weiser (Czech Republic)	
11:30-11:45	Assessing the development of biofouling on ultrafiltration membranes by confocal laser scanning microscopy Burga Braun
11:45-12:00	Crystal deposits on the surface of antimicrobial central venous catheters derived from administration of total parenteral nutrient solution impair antimicrobial efficacy Kahoko Nishikawa
12:00-12:15	Quorum sensing-, efflux pump- inhibition and matrix-dispersing enzyme treatments as potential control strategies to limit <i>Flavobacterium johnsoniae</i>-like biofilm formation Hafizah Chenia
12:15-12:30	Antimicrobial resistance and biofilm formation by staphylococci subclinical mastitis isolates Manuela Oliveira
12:30-12:45	Effect of pH on surface physicochemical properties of <i>Acinetobacter baumannii</i> Ryad Djeribi
12:45-13:00	Evaluation of chitosan to control biofilm formation by oral pathogens Eduardo Costa
13:00-13:15	Application of silver coumarin complexes as an antibacterial substitute and their effectiveness as an antibiofilm surface coating agent Swarna Jaiswal
13:15-13:30	Colistin surface conditioning impairs <i>Pseudomonas aeruginosa</i> biofilm formation and enhances ciprofloxacin antimicrobial activity Idalina Machado

13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Sylvia Collicec-Jouault (France)	
14:45-15:00	Single and sequential application of electrolyzed oxidizing water with benzalkonium chloride or peracetic acid for removal of <i>Staphylococcus aureus</i> biofilms Daniel Vázquez Sánchez
15:00-15:15	The use of composite fibers for production of biomass carriers Lucie Kriklavova
15:15-15:30	Production and Molecular Characterization of Bioplastic Producing Bacteria Using Mustered Oil and Potato Extract Nazia Jamil
15:30-15:45	Isolation Characterization and Localization of Exo-Polysaccharides from cyanobacterium <i>Arthrospira platensis</i> strain MMG-9 Mehboob Ahmed
15:45-16:00	Interactions of MRSA ST398 and inhibitor producing <i>S. aureus</i> strains in vitro and in vivo Efsthios Giotis
16:15-17:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
17:00	Conference closure

FRIDAY, 16 SEPTEMBER (HALL 2)

Microbial Physiology, Metabolism and Gene Expression
Methods - Quantitative Models and Bioinformatics in Microbiology - Technology development

Chair: Hartmut Grammel (Germany)

11:30-11:45	Perspectives of Applied Microbiology with Purple Bacteria, driven by Systems Biology Hartmut Grammel
11:45-12:00	Unbalanced hunger response of glucose-growing <i>Pseudomonas putida</i> results in cell lysis Marta Putrinš
12:00-12:15	Functional Analysis of an Important Gene Related to Biohydrogen Production in <i>Escherichia coli</i> Toshinari Maeda, Mohd Zulkhairi Mohd Yusoff
12:15-12:30	Carotenogenesis induction with hydrogen peroxide in <i>Xanthophyllomyces dendrorhous</i> colored mutants Alejandra Barbachano Torres
12:30-12:45	<i>Mesorhizobium</i> type strains show distinct tolerances to several environmental stresses Marta Laranjo, Solange Oliveira
12:45-13:00	Detection of antibodies and DNA by multiplex microbead arrays using the VideoScan platform technology Peter Schierack
13:00-13:15	Comparison of nucleosome positions in promoters of orthologous genes between <i>Aspergillus fumigatus</i> and <i>Saccharomyces cerevisiae</i> Hiromi Nishida
13:15-13:30	Genome-wide nucleosome maps of the histone acetyltransferase <i>ELP3</i> and the deacetylase <i>HOS2</i> gene disruptants of <i>Saccharomyces cerevisiae</i> Choong-Soo Yun, Hiromi Nishida
13:30-14:45	LUNCH BREAK (Lunch Area)
Chair: Jimmy Tsang (Hong Kong (PRC))	
14:45-15:00	Automated Cryobank of Microorganisms: Unique Possibilities for Long-Term Authorized Depositing of Commercial Microbial Strains Vera Safronova
15:00-15:15	Encapsulation in monodisperse hydrogel microspheres enables fast and sensitive phenotypic analyses of bacteria, yeast and human cells using flow cytometers Sebastian Chávez
15:15-15:30	Application of Bacterial Biosensors for Ecological Hazard Assessment of Chinese Soils Bo Zhang
15:30-15:45	The potential of calorimetry for real-time monitoring of anaerobic bioprocesses shown at the example of acetone-butanol fermentation. Thomas Maskow
15:45-16:00	Development of a web-based tool for assessing and managing microbial risk in minimally processed vegetables

	Guiomar Denisse Posada Izquierdo
16:00-16:15	Bacterial stress induced by Nanosecond Pulsed Electric Fields (nsPEF) : potential applications for food industry and environment Audrey Prorot
16:15-17:00	POSTER SESSION & COFFEE BREAK (Exhibition Hall)
17:00	Conference closure (HALL 1)

POSTER PRESENTATIONS (EXHIBITION HALL)

WEDNESDAY, 14 SEPTEMBER 2011		
From 16:45-18:00		
Environmental, Marine, Aquatic Microbiology, Geomicrobiology Biotechnologically Relevant Enzymes and Proteins Medical & Pharmaceutical Microbiology - Antimicrobial agents and chemotherapy		
Code	Title	Presenter(s)
W1	The Effect of Two Different Growth Media on The Cytotoxicity of Actinomycetes and Fungi Associated with New Zealand Marine Invertebrates	Nor Ainy Mahyudin
W2	Determination of Amount of Oxytetracycline (OTC) Residues in Muscle of Common carp By HPLC Method	Tahereh Naji
W3	Effect of initial pH on bio-hydrogen production from enzymatic hydrolysate of acid-pretreated sugarcane bagasse by elephant dung	Alissara Reungsang, Suksaman Sangyoka
W4	Treatment of Landfill Leachate by Biological Aerated Filter (BAF)	Aysenur Ugurlu
W5	Microbial assessment and antibiotic susceptibility of pathogenic bacteria of Domat Al-Jandal Lake, Saudi Arabia	Meshref Awad Al-Ruwaili
W6	Passage through <i>Tetrahymena tropicalis</i> enhances the resistance to stress and the infectivity of <i>Legionella pneumophila</i> Lens	Jacques Frère
W7	Making Biological Brick as Building Material by Bio-calcification	Hassan Badiie
W8	Susceptibility to antibiotics of marine bacteria	María del Pilar González Párraga
W9	Comparison of Extended-spectrum-β-lactamase (ESBL) carrying <i>Escherichia coli</i> from sewage sludge and human urinary tract infection	Franz Ferdinand Reinthaler
W10	Assessment of Waterborne Pathogenic Bacteria in Domestic Greywater Systems	Maya Benami
W11	Acute toxicity of surfactants to aquatic organisms	Francisco Rios Ruiz
W12	Isolation of a bacterial community able to remove aerobically a mixture of 4-chlorophenol and 2,4,6-trichlorophenol as the sole carbon source, in a two stage packed bed reactor.	Angélica María Salmerón Alcocer
W13	Degradation kinetics of the herbicide Propanil in a biofilm reactor	Nora Ruiz-Ordaz
W14	Leaching of tetracycline resistant bacteria from pig manure applied to two field sites	Carsten Suhr Jacobsen
W15	A functional food additive from marine bacteria for the replacement of antibiotics in aquaculture	Alejandro Dinamarca
W16	Degradation of a mixture of two azo dyes and their intermediates by a bacterial consortium immobilized in a support of porous volcanic stone	Cleotilde Juárez Ramírez
W17	Detection of biosynthetic gene sequences and antimicrobial activities from <i>Micrococcaceae</i> (Actinomycetales) isolated from marine sponges	Sara Palomo Díaz
W18	Seasonal variability changes in microbial population, diversity and physico-chemical quality of beach waters in Durban, Kwazulu-Natal province of South Africa	Balakrishna Pillay, Ademola Olufolahan Olaniran
W19	Identification and characterization of the microbiota from rainbow trout (<i>Oncorhynchus mykiss</i>) and its aquatic environment as potential probiotics for a sustainable aquaculture	Carlos Araujo
W20	Oxidation of pyrite by the action of microorganisms	María del Pilar González

		Párraga
W21	Microbial community in a biofilter treating odours from a valorization center for municipal solid waste treatment (MSW)	Vânia Bessa
W22	Improved growth performance of the mangrove <i>Avicennia marina</i> seedlings using a 1-aminocyclopropane-1-carboxylic acid deaminase-producing isolate of <i>Pseudoalteromonas maricaloris</i>	Khaled Abbas El-Tarabily
W23	Prevalence of sulphonamide resistance genes in sediments of the aquaculture environment.	Windi Muziasari
W24	Conjugative transference of antibacterial resistance from bacteria belonging to microbiota associated to the culture of Chilean scallop larvae	Gerardo González-Rocha
W25	Effect of DNA polymerases on DGGE patterns	Margit Balázs, Attila Szvetnik
W26	Characterization of the 90-kb plasmid of <i>Rhodococcus erythropolis</i> CCM2595	Jan Nešvera
W27	Study of dissemination and removal of multidrug resistant <i>Salmonella</i> in two sewage treatment plants from Comunitat Valenciana (Spain)	Ana Jiménez Belenguer, María Ángeles Castillo López, Yolanda Moreno, María Antonia Ferrús
W28	Toxicity assessment of novel environmentally friendly consumer products	María del Carmen Vargas García
W29	Isolation and Characterization of Thermophilic Bacteria from Beach Hot Spring in Kagoshima, Japan	Minako Nishiyama, Norio Kurosawa
W30	Identification of Thermophilic Cyanobacteria Isolates Obtained From Afyonkarahisar City-TURKEY	Merih Kıvanç
W31	A preliminary study on nymph of <i>Ameletus inopinatus</i> (Insecta: Ephemeroptera) gut microbiology	Nesil Ertoran
W32	High-Affinity Methane Oxidation of Upland Soil Cluster alpha	Somasri Dam, Werner Liesack, Bomba Dam
W33	Complete sequence of the genome and two novel plasmids of <i>Methylocystis</i> sp. strain SC2 and analysis of genes involved in methane-oxidation	Bomba Dam, Werner Liesack, Somasri Dam
W34	Effect of the hydrocarbons contamination on the microbiological resilience of soils	Irma Susana Morelli, Maria Teresa del Panno
W35	Degradation of tannins by <i>Cronobacter sakazakii</i> isolated from goat	Gunjan Goel
W36	Microbial Populations of Sungurlu Salterns in Turkey	Mehmet Burcin Mutlu
W37	Arsenic Resistance in an Extremophilic Yeast: a Cytological and Molecular Approach	Cátia Fidalgo
W38	Detection of keratinophilic fungi in sandy coastal plains of Northeast Brazil	Rodrigo Pires do Nascimento
W39	Influence of temperature on <i>Saccharomyces cerevisiae</i> UE-ME ₃ response to titanium dioxide nanoparticles	Isabel Maria Alves Pereira, Joana Capela-Pires
W40	Behavior of <i>Saccharomyces cerevisiae</i> UE-ME ₃ in presence of diuron at beginning of exponential phase	Rui Manuel Alves Ferreira
W41	Differential response to isoproturon by two strains of <i>Saccharomyces cerevisiae</i>	Rui Manuel Alves Ferreira, Marta Candeais
W42	Microbiological control of the floor in open air children playgrounds	Ana Claudia Cordeiro Fernandes
W43	Marine antifouling coating for the sustainable and environmentally friendly farming of <i>Argopecten purpuratus</i> : Natural products	Alejandro Dinamarca

	modulators of microbial Quorum Sensing as additives	
W44	Sand Dunes Fixation as a Novel Application of Bio-calcification by <i>Bacillus pasteurii</i>	Hassan Badiee
W45	Growth of fungal strains isolated from Livingston Island on phenolic compounds - biodegradation potential	Zlatka Alexieva
W46	Inactivation of microorganisms by sunlight. The effect of solid particles	Mercedes Cecilia Cruz
W47	Bioemulsifier produced by marine hydrocarbonoclastic bacteria (MHB) modulate the expression of <i>Aeromonas salmonicida</i> virulence factors and induce the immune response in <i>Oncorhynchus mykiss</i>	Juan Ojeda
W48	Isolation, purification and partial characterization of antifungal metabolites from novel <i>Actinomycetes spp</i>	Swarna Jaiswal
W49	Evaluation of bacterial diversity of Some Hot water springs in the Limpopo Province of South Africa	Memory Tekere
W50	Nanoiron cytotoxicity toward the cyanobacterium <i>Anabaena planktonica</i> and the green alga <i>Chlamydomonas sp.</i>	Kateřina Bobčiková, Alena Ševcu
W51	Comparative Evaluation of Two Bioreactors for Bioleaching of Cu, Fe and Ag from chalcopyrite by <i>Leptospirillum ferrooxidans</i>	Rajasekar Aruliah
W52	The Mechanisms behind Stability of Soil Microbial Community toward Stressors	Hamed Azarbad
W53	Characterization of Chitin-Degrading Bacterium Isolated from Pruning Tree Compost: Part 1	Junko Ueda, Mitsuhsa Watatani, Norio Kurosawa
W54	Characterization of Chitin-Degrading Bacterium Isolated from Pruning Tree Compost: Part 2	Mitsuhsa Watatani, Norio Kurosawa, Junko Ueda
W55	Enzyme production for animal and poultry feed by some biofilm forming <i>Bacillus subtilis</i> strains	Gholamreza Salehi Jouzani
W56	Production of Thermo-alkaliphilic keratin degrading enzyme by Egyptian local isolate <i>Laceyella sacchari</i> AM30: Numerical modelling bioprocess optimization, enzyme purification and characterization study	Abdel Fattah Yasser Refaat
W57	Optimization of medium components in solid state fermentation for <i>Aspergillus niger</i> naringinase production	Maria Antonia Colabone Celligoi
W58	Adsorption of Xylanase II from <i>Trichoderma reesei</i> QM 9414 on several polymers	Pilar Estrada
W59	Molecular Characterization of Xylanase II from <i>Trichoderma reesei</i> QM 9414	Pilar Estrada
W60	Production of an extracellular lipase from <i>Pseudozyma aphidis</i> and its activity and stability in organic solvents	Nenad Milošavić, Dušan Veličković
W61	Synthesis of <i>p</i> -hydroxybenzyl-alcohol glucoside catalyzed by α glucosidase from <i>Saccharomyces cerevisiae</i> and determination of its antioxidative properties	Dušan Veličković, Nenad Milošavić
W62	Enzymatic degradation of Congo red by turnip (<i>Brassica napus</i>) peroxidase	Mahmoud Abousoud
W63	Effect of soluble additives on inactivation and refolding of immobilized amylase	Onyetugo Chioma Amadi
W64	Characterization of free and dried extracellular invertase produced by filamentous fungus <i>Fusarium graminearum</i> under Solid State Fermentation (SSF)	Heloisa Bressan Goncalves

W65	The protein patterns of <i>Streptococcus mutans</i> strains in caries free and caries susceptible subjects	Arezoo Tahmourespour
W66	Newly identified LAGLIDADG homing endonucleases in the chloroplast LSU rDNA of <i>Coccomyxa</i> algae	Eva María del Campo
W67	Group I introns within the chloroplast <i>psbA</i> gene encode putative HNH- and GIY-YIG homing endonucleases in lichen-forming algae	Eva María del Campo
W68	Site-specific recombination and integration reactions catalyzed by conjugative relaxases: a mutagenesis approach to improve recombination activity	Coral González Prieto, Matxalen Llosa
W69	Artificial chaperones: Gold nanoparticles assisted refolding of human basic Fibroblast Growth Factor	Mona Alibolandí
W70	Improved biodelignification of lignocellulose: impact on lignocellulose structure	Juan Antonio López González
W71	Protease production by <i>Bacillus licheniformis</i> in the presence of industrial waste	Daniela Silva Gomes
W72	Immobilization of <i>Aspergillus oryzae</i> β -galactosidase in ionic and heterofunctional support for galacto-oligosaccharides synthesis	Zaida Cabrera Muñoz
W73	Use of <i>Jatropha curcas</i> cake as substrate for <i>Penicillium simplicissimum</i> growth: optimization of lipase production	Mateus Godoy
W74	Determination of chemical composition and antibacterial properties of essential oil of <i>Mentha longifolia</i> ssp. <i>longifolia</i> against phytopathogenic bacteria	Furkan Orhan, Derya Yanmis
W75	Synergism effect of citric acid, citrus oil and nisin on growth inhibition of <i>Escherichia coli</i>	Iriani Rodrigues Maldonade
W76	Separation of low number of microorganisms from real samples by capillary electromigration techniques with UV detection and MALDI-TOF MS	Marie Horká
W77	Antibacterial activity against multi resistant bacteria strains of alkaloid extracts of two Algerian <i>Fumaria</i> species	Maiza-Benabdesselam Fadila
W78	Detection of microorganisms in patients with Brackets MBTY Alexander	Myriam Angélica De la Garza Ramos
W79	Antibacterial and antifungal activities of Saharian spontaneous plants	Maiza Khadra
W80	Serotyping study the activity of antibiotics and support of some genetic resistance of 100 strains of salmonella isolated from Gallus gallus in four wilaya in central Algeria	Hamdi Taha Mossadak, Lynda Mezali
W81	Study of the antimicrobial activity of four algerian marin algae species	Fatiha Bedjou
W82	Antibiotic Resistant <i>E. coli</i> from water samples of Malir: An issue of public health concern in Pakistan	Asma Bashir
W83	Epidemiological study of <i>Acinetobacter baumannii</i> from the Caracas University Hospital	Guillermina Alonso
W84	Antibacterial activity of galls of <i>Quercus infectoria</i> olivier against oral pathogens	Dayang Fredalina Basri
W85	Design of a PCR for the diagnosis of Respiratory Syncytial Virus	Alberto Tenorio Abreu
W86	Diagnostic yield of the granada medium for Detection of <i>Streptococcus agalactiae</i>	Alberto Tenorio Abreu
W87	Antibiotic resistance and incidence of <i>Enterococcus faecalis</i> Conjunctival Swab from Diabetic Patients	Merih Kivanç
W88	Antibacterial activity of protein preparations from <i>Moringa oleifera</i> seeds	Patricia Maria Guedes Paiva, Francis Soares

		Gomes, Luana Cassandra Breitenbach Barroso Coelho
W89	Use of Moringa oleifera flowers to treat bacterial contamination in water	Luana Cassandra Breitenbach Barroso Coelho, Francis Soares Gomes, Patricia Maria Guedes Paiva
W90	Identification of <i>Nocardia brasiliensis</i> strains isolated from actinomycetoma in Mexico using specie-specific primers	Ninfã Ramirez Durán
W91	Characterization of Antibiotic Resistant Soil Bacteria Adjacent to Swine Production Facilities	Melike Ekizoglu
W92	Restriction analysis of the Orotidine Monophosphate Pyrophosphorylase (<i>URA5</i>) gene of Portuguese <i>Cryptococcus neoformans</i> isolates	Ana Paula Maduro
W93	Contribution to the study of antibacterial activity of acetonic extracts of <i>Pulicaria odora</i> L. on pathogenic bacteria	Naima Touati, Fatiha Bedjou
W94	<i>Candida</i> species isolated from human infections from Tunisian and Portuguese patients: molecular identifications and <i>in vitro</i> antifungal susceptibility	Ana Paula Maduro
W95	Specific detection of <i>Aspergillus</i> species in blood from patients with invasive aspergilosis	Maria da Luz Martins
W96	Study of the antibacterial activity of acetone extracts of <i>Thapsia garganica</i> L. growing wild in Algeria	Djaffer Ait Sidhoum, Fatiha Bedjou
W97	Direct molecular identification of fungi from onychomycosis	Maria da Luz Martins
W98	Moroccan plants essential oils as potential chemosensitizers restoring the antibiotic activity in resistant Gram-negative bacteria	Mariam Fadli
W99	Staff can harbour methicillin-resistant staphylococci (MRS) on a farm when animals do not	Renato Pariz Maluta
W100	<i>Pseudomonas aeruginosa</i> isolated from cutaneous infections in a tribal area in South India	Harivadan Lukka
W101	In-Vitro anti fungal activities of Cinnamon extract on <i>candida spp</i> and <i>Aspergillus spp</i>	Monir Doudi
W102	Strain specificity in antibacterial activity copper and silver nanoparticles	Monir Doudi
W103	Antimicrobial susceptibility and quinolone resistance mechanism of <i>Arcobacter butzleri</i> isolates from sewage samples in Spain	Ana González Pellicer, María Antonia Ferrús
W104	Characterisation of volatile components of “Epalijeju”- a native “wonder-cure” recipe	Adeyemi Adeleye
W105	Antimicrobial activity of oils from extracts of <i>Gongronema latifolium</i> (Endl) Decne on bacterial isolates from blood stream of HIV infected patients	Adeyemi Adeleye
W106	Antimicrobial activity and biocompatibility of chitosan hydrochloride against <i>Penicillium</i> species	Horacina Maria de Medeiros Cavalcante
W107	Prevalence of <i>Legionella pneumophila</i> antibodies in immunocompromised patients and analysis of risk factors for development of legionellosis	Maria Koziol Montewka
W108	Synergistic activity between coriander essential oil and conventional antibiotics against <i>Acinetobacter baumannii</i>	Fernanda Da Conceição Domingues, Susana Margarida Paraiso

		Ferreira, Filomena Almeida Silva
W109	Validation of specific oligonucleotides for detection of Enteropathogenic (EPEC) and Enterotoxigenic (ETEC) <i>Escherichia coli</i> strains isolated in a Mexican region	María de Jesús Navarro Arias
W110	Antifungal activity of <i>Coriandrum sativum</i> essential oil, its mode of action against <i>Candida</i> species and potential synergism with amphotericin B	Fernanda Da Conceição Domingues, Susana Margarida Paraiso Ferreira, Filomena Almeida Silva
W111	Role of enzymes involved in a cholesterol metabolism in the pathogenicity of <i>Mycobacterium tuberculosis</i>	Magdalena Klink
W112	Exploring the anti-MRSA activity of sixteen medicinal plants endemic in Khuzestan province, Iran	Esmail Darabpour
W113	Determination of antimutagenic properties of Rosmarinic acid, a phenolic compound isolated from <i>Mentha longifolia</i> ssp. longifolia with yeast DEL assay	Derya Yanmis, Furkan Orhan
W114	Q fever among wool sorters in Belgium	Toman Rudolf
W115	The tail fiber protein of ϕ AB6, an <i>Acinetobacter baumannii</i> phage, may possess polysaccharide depolymerization activity	Nien-Tsung Lin
W116	Antibiotic resistance in oral <i>Streptococcus spp.</i> isolated from healthy children, Turkey	Emine Dinçer
W117	Isolation and identification of antibiotic-producing actinomycetes from Moroccan biotopes	Siham Jihani
W118	Comparative study of the microbiota detected in areas which are close and away from hospital facilities in Barcelona	Girme Vila Gisela
W119	Bacterial study of groundwater supply in the valley of Assif El Mal (Marrakech area), and treatment trials	Bruno Rodríguez Morgado, María Domínguez Barragán
W120	Red foxes (<i>Vulpes vulpes</i>) as reservoirs of extended-spectrum beta-lactamases-producing <i>Escherichia coli</i> isolates	Carlos Araujo
W121	Development of QSAR Model to Predict the Antimalarial Activity of fosmidomycin derivatives	Anshul Nigam
W122	Computational Designing of Anti Tuberculosis Drug against Cytochrome P450 Mono-oxygenases Enzyme of <i>Mycobacterium tuberculosis</i> .	Anshul Nigam
W123	Streptococcus intermedius can module the expression of some virulence factors in Porphyromonas gingivalis	Myriam Angélica De la Garza Ramos
W124	Detection of IgM and IgG antibodies against Mycobacterium tuberculosis in students Faculty of Dentistry, University of Nuevo Leon, Mexico	Ana María Garza-Garza
W125	Detection of plasmid-mediated quinolone resistance determinants in extended-spectrum β -lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolated in Chilean hospitals	Helia Bello Toledo, Gerardo González-Rocha
W126	<i>In vitro</i> inhibitory activity of vancomycin, daptomycin, linezolid and tigecycline against methicillin resistant <i>Staphylococcus aureus</i>	Alberto Tenorio Abreu
W127	Quorum Quenching Quandary: Resistance to Antivirulence Compounds	Toshinari Maeda
W128	Antimicrobial activity and anticancer potential of a new <i>Nonomuraea</i> sp. strain PT708 originated from Thai cave soil	Rungroch Sungthong

W129	Increased susceptibility of <i>Staphylococcus epidermidis</i> to sandalwood oil in a pulsed electromagnetic field	Paul Matewele
W130	Cranberry syrup changes the surface adherence of <i>E. coli</i>	Marita Lardón Fernández
W131	Cranberry syrup is effective in the prophylaxis of recurrent urinary tract infection. Results of a clinical trial	Marita Lardón Fernández
W132	Evaluation of the distribution of <i>qac</i> disinfectants resistance genes on strains isolated from hospital settings	Guillermina Alonso
W133	Effect of chlorhexidine upon bacterial isolates from colonized intravenous catheters from companion animals	Ricardo Quaresma Marques
W134	Inactivation of <i>Bacillus subtilis</i> spores by hydrogen peroxide vapour; acquisition of statistically robust inactivation kinetics	Claire Shaw
W135	An investigation of disinfectant resistance gene in hospital isolated gram negative bacteria	Didem Kart, Melike Ekizoglu, Meral Özalp
W136	Transfer of <i>Listeria monocytogenes</i> during slicing operations and its resistance to disinfecting agents	Magdevis Yanet Rodríguez Caturla
W137	Effect of essential oils on the planktonic of <i>S.aureus</i> and <i>E.coli</i> cells	Susana Lopes
W138	Investigation of the antimicrobial activity of the essential oil of <i>Cymbopogon martini</i> on <i>S.aureus</i> and <i>E.coli</i> biofilms	Susana Lopes
W139	Characterization of Endophytic <i>Streptomyces</i> SUK 06 and its Methyl Benzoate Compound	Noraziah M. Zin, Dayang Fredalina Basri
W140	Antimicrobial activity and biocompatibility of chitosan hydrochloride against <i>Candida</i> species	Thatiana Montenegro Stamford-Amaud
W141	Screening of endophytic actinobacteria isolated from Moroccan aromatic and medicinal plants against human pathogenic microorganisms	SAMRI Salah Ed-dine

THURSDAY, 15 SEPTEMBER 2011

From 10:45-11:30 and from 16:45-17:30

Agriculture, Soil, Forest Microbiology Food Microbiology Industrial Microbiology - Future Bioindustries Biodegradation and Bioremediation		
Code	Title	Presenter(s)
T1	Nematicidal crystalliferous and Coleopteran- specific strains and putative novel <i>cry</i> genes in Iranian native <i>Bacillus thuringiensis</i> collection	Gholamreza Salehi Jouzani
T2	<i>Genista numidica</i> and their endosymbionts diversity	Katia Djenadi, Boulila Farida
T3	Biofertilizer with diazotrophic bacteria and fungi chitosan improving cowpea biomass yield, nutrient uptake and some soil attributes	Newton Stamford
T4	Effect of <i>Nigella sp.</i> alkaloids on bacterial and fungal phytopathogens	Khettal Bachra
T5	Beneficial symbiotic system of pea (<i>Pisum sativum L.</i>): plant - arbuscular mycorrhizal fungi – rhizosphere/nodule bacteria	Alexey Borisov, Tamara Rychagova
T6	Isolation and characterization of plant growth promoting rhizobacteria from rhizosphere soils and their effect on chickpea production in Indo-Gangetic plain of Eastern Uttar Pradesh, India	Jay Prakash Verma
T7	Viral and bacterial infections associated with camel (<i>Camelus dromedarius</i>) calf diarrhea in North Province, Saudi Arabia	Meshref Awad Al-Ruwaili
T8	Identification of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> genes expressed under control of symbiotic genes of pea (<i>Pisum sativum L.</i>)	Alexey Borisov, Tamara Rychagova
T9	Biological control of some native biofilm forming and surfactin producing <i>Bacillus subtilis</i> strains against six pathotypes of <i>Rhizoctonia solani</i>	Gholamreza Salehi Jouzani
T10	Diversity of entomopathogenic bacteria for the control of damage caused by white grubs (Coleoptera:Scarabaeidae)	María Eugenia Nuñez Valdez
T11	Characterization of <i>Ochrobactrum</i> spp. obtained from rhizosphere of cactus species growing in Mexican xerophytic highlands	Hugo C. Ramirez Saad
T12	Comparison Between Antibacterial Effects of <i>Prosopis juliflora</i> And <i>Zingiber officinale</i> Rose occurring in Iran	Tahereh Naji
T13	Diversity and antagonistic properties of microorganisms isolated from 'fired plots' under shifting cultivation in North East India	Mukesh Kumar Malviya
T14	Effect of <i>Bacillus SP.</i> Isolated from the Soil against some Fusarium Strains	Emine Dinçer
T15	A New Report of Griseofulvin Producing <i>Nigrospora oryzae</i> from the <i>Emblica officinalis</i> Gaertn. and Its Antimicrobial Activity Against Human Pathogenic Bacteria	Dnyaneshwar Rathod
T16	Utilization of <i>Selenomonas ruminantium</i> for the prevention of rumen acidosis and suppression of methanogenesis in the rumen, and its genomic sequence and transcriptional analysis	Asanuma Narito
T17	Function of a peptide pheromone from <i>Streptococcus bovis</i> in the goat rumen	Kawata Misho, Narito Asanuma
T18	Difference of a peptide pheromone and a genomic sequence between <i>Streptococcus bovis</i> and <i>Streptococcus gallolyticus</i>	Yuta Sato, Narito Asanuma
T19	Arbuscular mycorrhizal fungal colonisation might change the composition of <i>Coleus blumei</i> root extracts. Preliminary results	Cinta Calvet, Amelia Camprubi

T20	Isolation and study of endophytic bacteria from <i>Sphagnum fallax</i> and <i>S. magellanicum</i> mosses with high biocontrol activity and PGPR-properties.	Andrey Shcherbakov
T21	A new strains of endophytic and rhizobacteria for plant protection and growth stimulation under condition of high concentration of sodium chloride and heavy metals.	Andrey Shcherbakov
T22	Moroccan actinobacteria isolates as potential agents against <i>Ceratitis capitata</i>	Samri Salah Eddine
T23	Changes in arabidopsis root architecture by auxin producing rhizobacteria in ms media and sand system	Atia Iqbal Muhammad Iqbal Shahid
T24	An individual-based model for dealing with organic amendments and mineral nitrogen soil fertilizations	Marta Ginovart
T25	Phenotypic and genotypic characterization of indigenous <i>Sinorhizobium meliloti</i> strains isolated from different regions in Croatia	Sanja Sikora
T26	Anti-oxidative stress enzymes in golden chanterelle (<i>Cantharellus cibarius</i>)	Jacqueline Keyhani, Ezzatollah Keyhani
T27	<i>In vivo</i> versus <i>in vitro</i> mycorrhizal inocula: root colonization and plant growth stimulation potential	Cinta Calvet, Amelia Camprubi
T28	Screening of actinomycetes isolates from argan forest able to enhance seed germination argan tree (<i>Argania spinosa</i> L. Skell)	Jamjari Abdelmoun, Abdelghani Chakhchar
T29	Effect of biofumigation and repeated biosolarization on soil fungal communities in pepper crops	M ^a Angeles Martínez Francés
T30	Effect of drought on Alfalfa-rhizobia symbiosis	Mohamed Farissi
T31	Identification of bacteria of the genus <i>Azospirillum</i> isolated from the rhizosphere of durum wheat (<i>Triticum durum</i>)	Benmati Mahbouba
T32	Seasonal changes in soil fungal communities after biosolarization and its repeated use in pepper crops in Southeast Spain	M ^a Angeles Martínez Francés
T33	Isolation of <i>Bacillus thuringiensis</i> strains with cytotoxic activity against MOLT-4, a leukemia cell line*	Astrid Nalleli Espino Vázquez, Benito Pereyra Alférez
T34	Auxin producing Cyanobacterial strains and their impact on the growth of <i>Triticum aestivum</i> var Uqab 2000	Sumaira Mazhar
T35	Epiphytic survival and temporal dissemination of <i>Brenneria quercina</i> in a plot of <i>Quercus ilex</i> in Spain	Elena González Biosca
T36	Bacterial metabolic activities in composting. Evolution throughout the process	María del Carmen Vargas García
T37	Selection of potential biocontrol agents on the example of rhizosphere isolates antagonistic towards <i>Pectobacterium</i> sp. and <i>Dickeya</i> sp.	Sylwia Jafra
T38	Effect of <i>rpoS</i> mutation on the survival response of <i>Erwinia amylovora</i> under oligotrophic conditions	Elena González Biosca
T39	Development of a typing scheme for the characterization of the bacterial population associated to summer squash (<i>Cucurbita pepo</i>) cultivated in green-houses in Almeria (Spain)	Alicia Fayos Moltó
T40	Microbial diversity of root soil of some boron-tolerant plant taxa naturally distributing in boron-rich soils of Kirka/Turkey	Harun Böcük
T41	Effects of the nitrification inhibitor 3,4-dimethylpyrazole phosphate (DMPP) and a biostimulant on soil microbial diversity and ammonia-oxidizing bacteria after bovine effluent application in experimental microcosms	Alessandro Florio

T42	Investigation of microorganisms and enzymes on the composting of tree pruning and sewage sludge	Daniela Silva Gomes
T43	Diversity of rhizospheric halotolerant bacteria associated to chenopod plants <i>Atriplex</i> and <i>Suaeda</i>	Angelica Ruiz-Font
T44	The use of plant growth-promoting actinomycetes to improve phytoremediation of oil-polluted soils in the United Arab Emirates	Khaled Abbas El-Tarabily
T45	Role of soil enzymes produced by PGPR strain in barley growth and nutrient uptake parameters in the filed conditions	Metin Turan
T46	Litter in Poultry houses, a threat to animal welfare?	Lotte Bjerrum, Anna Krestine Nørgaard
T47	The use of anaerobic digested slurry as an organic amendment: a potential risk or a chance for the soil?	María Gómez Brandón
T48	Effects of epigeic earthworms on the structure and activity of microbial communities during the first stages of decomposition	María Gómez Brandón
T49	Biofertilizer-Protect with Free Living Diazotrophic Bacteria and Fungi Chitosan as Affecting Green Pepper Growth and Some Soil Properties	Newton Stamford
T50	Ligninase activities and decolorization of Remazol Brilliant Blue and Methyl Orange by a ligninolytic fungus isolated from semi-arid region of North Mexico	Marina Monserrat Atilano
T51	Microsatellite-primed PCR characterization of hydrocarbon-degrading <i>Aspergillus</i> sp and <i>Penicillium</i> sp isolated from cotton and flax seeds	Ali H. Bahkali Bahkali
T52	Effects of PAHs and PAH-degrading <i>Mycobacterium gilvum</i> VM552 on production and motility pattern of fungal zoospores	Rungroch Sungthong
T53	Effect of inoculation with fungal pellets of <i>Anthracyllum discolor</i> in a biobed contaminated with atrazine	M. Cristina Diez
T54	Mining the bacterial biosynthetic pathways of Sierra Nevada soils	Marina Sánchez Hidalgo
T55	Metatranscriptome of a Grassland Soil Microbial Community	Werner Liesack, Yongkyu Kim
T56	<i>dnaK</i> and <i>groESL</i> are highly induced in heat-tolerant rhizobia	Ana Alexandre, Solange Oliveira
T57	Enhancing survival and subsequent infectivity of conidia of entomopathogenic fungus using UV protectants	Ching Piao Liu
T58	16S rRNA gene pyrosequencing reveal that oxygen intrusion has no effect on the anodic microbial community in air-cathode MFCs	Hari Anandarao
T59	Application of rapid methods for detection of aflatoxin and ochratoxin producers in peanut	Jinap Selamat
T60	Microbiological, Physicochemical and Sensory Evaluation of Fermented milk from blends of tigernut , soy and groundnut milk	Adekanmi Adeniram
T61	Microbiological Profile and Chemical Changes of Coconut Palm Sap (<i>Cocos Nucifera</i>) During Natural Fermentation	Fatimah Abu Bakar
T62	Prevalence of <i>Listeria spp</i> in ready to eat foods (RTE) from Algiers (Algeria)	Leila Bouayad
T63	Antibacterial effects of <i>Prosopis juliflora</i> occurring in Iran	Tahereh Naji
T64	Bacterial Superficial Contamination of Bovine and Ovine Carcasses Slaughtered at El-Harrach Abattoir (Algiers)	Hamdi Taha Mossadak
T65	Molecular Characterization of ochratoxigenic fungi associated with raisins	Rukaia Gashgari
T66	Prevalence and antimicrobial resistance of <i>Salmonella</i> spp. isolated from raw meat and meat products in Algiers (Algeria)	Lynda Mezali, Hamdi Taha Mossadak

T67	Assessment of Microbial profile and some physicochemical effects during fermentation and production of aerial yam (<i>Dioscorea bulbifera</i>) flour	Chidi Felix Ezeama
T68	The protective effect of a probiotic agent against shiga toxin-producing <i>Escherichia coli</i> (STEC) colonization in sheep	Everlon Cid Rigobelo, Renato Pariz Maluta
T69	Mehiawah (a Gulf fish sauce) as a Potential Source of Probiotics	Abdulameer Ahmed Allaith
T70	Fruit juice spoilage by Alicyclobacillus and Zygosaccharomyces rouxii	Ismet Ozturk, Fatih Tornuk, Osman Sagdic
T71	Effect of toxic <i>Fusarium moniliforme</i> on some biochemical component of some date palm cultivars	Muneera D.F. Alkahtani
T72	Effects of preincubation conditions on growth kinetics and Enterotoxin production of <i>Staphylococcus aureus</i> in sliced cooked chicken breast	Magdevis Yanet Rodríguez Caturla
T73	An evaluation of the interference of age on the protective effect of probiotics in sheep	Everlon Cid Rigobelo, Renato Pariz Maluta
T74	Prevalence and antimicrobial resistance of thermotolerant <i>Campylobacter</i> strains isolated from poultry in some farms and slaughterhouses in the region of Algiers (Algeria)	Hamdi Taha Mossadak, Lynda Mezali
T75	Multivariate analysis to identify yeast strains with technological applications in table olive processing	Francisco Rodríguez Gomez
T76	PROBIOLIVES: Table olive fermentation with selected strains of probiotic lactic acid bacteria. Towards a new functional food	Francisco Rodríguez Gomez
T77	Fungal Contaminations of Some Foods, Their Mycotoxin Production and Effects of Antifungal Agents on These Fungi	Derya Berikten
T78	Microbiological characteristics of traditionally Turkish fermented European cranberrybush (<i>Viburnum opulus</i> L.) fruits	Ismet Ozturk, Osman Sagdic, Hasan Yetim
T79	Antifungal activity and biocompatibility of chitosan hydrochloride against <i>Aspergillus</i> species	Thayza Christina Montenegro Stamford
T80	Characterization of enterohaemorrhagic <i>Escherichia coli</i> O157:H7	El-Safey Mohamed
T81	<i>In situ</i> detection of <i>Arcobacter</i> cells in chicken samples by use of combined DVC-FISH method	Ana González Pellicer, Yolanda Moreno, María Antonia Ferrús
T82	Molecular Analysis of Bacterial Microbiota Associated with Two Oysters (<i>Crassostrea gigas</i> and <i>Crassostrea corteziensis</i>) at Different Sites	Natalia Trabal Fernández
T83	Correlation between moisture content and water activity of different varieties of maize and wheat grains from Spain	Carolina Gómez, M ^a Rosa Bragulat, F. Javier Cabañés
T84	Antimicrobial activity of lactic acid bacteria against some pathogenic bacteria	Irena Macioniene
T85	Temperature and water activity effects on Ochratoxin A production by <i>Aspergillus carbonarius</i> on maize kernels	Lorena Alborch, M ^a Lourdes Abarca, M ^a Rosa Bragulat, F. Javier Cabañés
T86	Influence of abiotic factors on Ochratoxin A production by <i>Aspergillus niger</i> on maize kernels	Lorena Alborch, M ^a Lourdes Abarca, M ^a Rosa Bragulat, F. Javier Cabañés
T87	Inactivation of some pathogens and conditional pathogens by freezing temperatures during cold storage	Antanas Sakinas

T88	Spoilage microbiota during beef storage at 4°C in different conditions evaluated by PCR-DGGE and direct pyrosequencing	Danilo Ercolini
T89	Development of antimicrobial films for microbiological control of packaged salad	Virginia Muriel-Galet
T90	Activity of food preservatives against <i>Bacillus cereus</i>	Irena Macioniene
T91	<i>Salmonella</i> behavior in cocoa fermentation	Maristela da Silva do Nascimento
T92	The potential of <i>Aspergillus</i> section <i>Nigri</i> to produce ochratoxin A and fumonisin B ₂ in brazil nuts	Maristela da Silva do Nascimento
T93	Real Time quantitative expression study of a polyketide synthase gene related to ochratoxin A biosynthesis in <i>Aspergillus niger</i>	Gemma Castellá, Lorena Alborch, M ^a Rosa Bragulat, F. Javier Cabañés
T94	Aerobic and microaerophilic growth kinetics of <i>Saccharomyces cerevisiae</i> in batch cultures	Marta Ginovart
T95	Development of volatile metabolites in beef stored in air and vacuum pack	Danilo Ercolini
T96	Development of PCR for simultaneously detecting <i>Clostridium botulinum</i> types A, B, E, and F	María del Valle Jiménez Pérez
T97	Development of antimicrobial release systems based on EVOH films containing LAE intended for active food packaging applications	Virginia Muriel-Galet
T98	Effect of nitrogen supplementation on yeast fermentation performance and mead quality	Ana Paula Rodrigues Pereira
T99	Effectiveness of sodium hypochlorite washing for the reduction of <i>Listeria monocytogenes</i> in ready to eat lettuce leaves	Salut Botella, María Antonia Ferrús, Rosa María Montes Estellés
T100	Study of the extraction of toxins HT2 and T2 in oat grain by Accelerated Solvent Extraction technique	Misericordia Jiménez Escamilla
T101	Impact of ecological variables associated to climate change on the growth of <i>Fusarium graminearum</i> and <i>F. culmorum</i> in wheat grain and on type B trichothecene production	Eva María Mateo Jiménez
T102	Study of mycobiota in wheat grain grown in different agroclimatic regions of Spain	Eva María Mateo Jiménez
T103	Determination of the presence of <i>Listeria monocytogenes</i> in modified-atmosphere-packaged vegetables by the UNE-EN ISO 11290-1:1997 and Multiplex PCR procedures	Yolanda Moreno, Rosa María Montes Estellés, María Antonia Ferrús
T104	Effect of post mortem temperature treatment on microbiology meat quality of suckling lamb	Beatriz Martínez Domínguez
T105	Effect of storage temperature on survival of <i>Listeria monocytogenes</i> inoculated on dry cured iberian meat products	Beatriz Martínez Domínguez
T106	Behaviour of <i>Salmonella</i> spp inoculated on four Iberian meat products as influenced by storage temperature	Begoña Rubio Hernando
T107	Application of antimicrobials incorporated into polysaccharides edible films on vacuum packed cooked loin	Begoña Rubio Hernando
T108	Fermentation of must from black grapes: wine starter role in natural antioxidant power evolution	Andrea Caridi
T109	<i>Aspergillus</i> Section <i>Nigri</i> in soils, grape and must and Ochratoxin A in wines in Brazilian Northeast	Luis Roberto Batista
T110	Development of a rapid procedure of real-time PCR to detect <i>Listeria monocytogenes</i> in cheese	Elena Bermudez Polo

T111	Quantification of aflatoxin, ochratoxin A and patulin producing moulds by qPCR in dry-cured ham	Elena Bermudez Polo
T112	Biodiversity of Filamentous Gungi in Coffee Beans Cultivated in Organic and Conventional System	Luis Roberto Batista
T113	Apple juice reverse the oxidative effect of vanadium pentoxide in <i>Saccharomyces cerevisiae</i>	Isabel Maria Alves Pereira, Juliana Filipa Agostinho
T114	Antimicrobial properties of plant extracts	Antanas Sakinas
T115	Efficacy of some antimicrobials on the microbial quality of “Armola” cheese stored at 4 °C	Ilke Uysal Ünalán
T116	Detection of <i>horA</i> , <i>horC</i> and ORF5 Genes in <i>Pediococcus</i> sp. of The Brewing Process by PCR	Astrid Nalleli Espino Vázquez
T117	Nitrogen availability of grape juice impacts yeast population dynamics during mixed culture fermentations	Alexandra Mendes-Ferreira
T118	Molecular and physiological traits of <i>Hanseniaspora</i> spp strains towards application in winemaking	Alexandra Mendes-Ferreira
T119	qPCR assay for detection of human faecal contamination in food samples	Anna Krestine Nørgaard, Lotte Bjerrum
T120	Bacteriophages in edible coatings for efficient biocontrol of <i>Listeria monocytogenes</i> in surface treatments	Alberto Baños Arjona
T121	Survival of human pathogenic and epiphytic microbiota during storage in refrigerated mango pulp treated or not by high hydrostatic pressure	Antonio Gálvez
T122	Microbial load reduction by UV-C application in aubergines	Andrés Conesa Bueno
T123	Biocide resistance in bacterial isolates from vegetable foods	Antonio Gálvez
T124	A Study of the Effect of Different Conditions on the Growth of Yeast Isolated from Green Table Olives	Francisco Pérez Nevado
T125	Role of Yeast in the Persistence of two Pesticides during the Vegetable Fermentation	Francisco Pérez Nevado
T126	Improving safety and storability of fresh escalopes packed in modified atmosphere (MAP) using <i>Lactobacillus curvatus</i> dispersions, sodium lactate and EDTA solutions	Ioannis Giavasis
T127	Use of agroindustrial waste for the production of industrial enzymes.	Katiushka Arevalo Niño
T128	Production of a novel alkaline protease by <i>Micrococcus</i> sp grown on cassava and bambara waste	Tochukwu Nwamaka Nwagu
T129	Stabilization of raw starch digesting amylase by multi-point covalent attachment on glutaraldehyde and polyglutaraldehyde activated amberlite beads	Tochukwu Nwamaka Nwagu
T130	Purification, Characterization, Kinetic Properties, and Thermal Behaviour of Extracellular Chitinase Produced by a Native Microorganisms <i>Serratia marcescens</i> B4A	Saeed Aminzadeh
T131	Production of Bio-ethanol from Agricultural wastes	Muhammad Imran
T132	Ultrasonic waves: bioeffects on yeast cells	Roberto Naves Domingos
T133	Application of ultrasound to control of <i>Aspergillus flavus</i> in cosmetics	Roberto Naves Domingos
T134	Effect of different physicochemical parameters on the Kefir grains production using Taguchi design	Mahmoud Sheikh-Zeinoddin
T135	Bioscouring of jute fabric with thermostable xylanase from <i>Bacillus pumilus</i> ASH	Gaurav Garg

T136	Solvent-free Synthesis of Octyl Acetate by Transesterification Catalyzed by Immobilized Lipase	Vijay Kumar Garlapati
T137	Multiplicity of β -(1,4) endoxylanase in <i>Jonesia denitrificans</i> BN13	Boucherba Nawel
T138	Screening of antifungal activities of <i>Bacillus</i> strains growing on agro-industrial wastes	Grazyna Anna
T139	Optimization of medium composition for extra cellular alginate lyases of a marine bacterium	Amani El-Ahwany
T140	Immobilization of xylanase using the production waste agro-residue as support and its application in chromophore removal from newspaper pulp	Sushil Nagar
T141	Purification and characterization of novel laccase from basidiomycete <i>Steccherinum murashkinskiy</i> 1963	Tatyana Fedorova, Olga Koroleva
T142	Development of Silage Fermentation by Using of <i>Lactobacillus casei</i> and <i>Lactobacillus bulgaricus</i>	El-Safey Mohamed
T143	Encapsulation of yeast for efficient 2 nd generation bioethanol production: Finite element modeling of concentration profiles in encapsulated yeast	Carl Johan Franzén
T144	Exploitation of olive mill wastewater and selected <i>Azotobacter chroococcum</i> strains for composting of agricultural wastes	Lucia Aquilanti
T145	Improvement of upper limit of thermotolerance in <i>Saccharomyces cerevisiae</i> for cost-effective ethanol production by over-expression of <i>RSP5p</i> ubiquitin protein ligase	Hosein Shahsavarani
T146	Statistical optimization of medium components for the production of pyocyanin by <i>Pseudomonas aeruginosa</i> RS11	Mona El Sayed Mabrouk
T147	Purification and Characterization of Leucyl aminopeptidases from <i>Lactobacilli</i> isolated from Algerian camel milk	Belkheir Khadidja
T148	Bioemulsifier/biosurfactant production by <i>Candida lipolytica</i> UCP 0988 in acid or alkaline seawater with low oxygenation	Clarissa Daisy da Costa Albuquerque
T149	Size distribution of airborne microorganisms at workplaces in metal industry	Marcin Cyprowski
T150	<i>In-vivo</i> evaluation of fibersol-2 desalted by yeast and calcium chelated fibersol-2	Bangoura Aboubacar Oumar
T151	An Efficient Protocol to Obtain Axenic Culture of Oil Rich <i>Neochloris pseudoalveolaris</i> and Its Adaptation to Photoheterotrophic Cultivation	Murat Elibol, Müge Isleten-Hosoglu
T152	The Effect of Olive Mill Wastewater on Growth of Heterotrophic Microalgae and Removal of Total Phenol Concentration	Murat Elibol, Müge Isleten-Hosoglu
T153	Isolation of thermophilic actinomycetes producers of thermostable proteases	Albert Krastanov
T154	Bioethanol production via nonisothermal simultaneous saccharification and fermentation processes using carob industry wastes	M. Emília Lima-Costa
T155	Substitution of centrifugations for ethanol precipitations removal by hollow fiber for the polysaccharide purification of <i>Haemophilus influenzae</i> type b	Mickie Takagi
T156	Media optimization for glycopeptide antibiotic balhimycin production in batch fermentation process using genetic algorithm and decision tree technique	Kamaleshwar P. Singh
T157	Application of fructan and sucrose hydrolysing enzymes in ethanol production by <i>Zymomonas mobilis</i>	Armands Vīgants, Jekaterina Lukjanenko
T158	Chitin and chitosan produced by <i>Cunninghamella elegans</i> using	Horacina Maria de

	alternative medium- coconut water	Medeiros Cavalcante
T159	Evaluation of some aeration conditions in <i>Erlenmeyer</i> flasks for toxin production by <i>Bacillus thuringiensis</i> grown on glycerol	Arnaldo Ramalho Prata
T160	Influence of fermentation media on bacillus licheniformis strain protein excretion: A proteomic approach	María Domínguez Barragán, Bruno Rodríguez Morgado
T161	A new process of total conversion of whey into a lactic fermentate and its possible environmental applications in fungi biocontrol	Bruno Rodríguez Morgado, María Domínguez Barragán
T162	Production of chitin and chitosan by <i>Absidia corymbifera</i> using industrial waste as alternative medium	Adriana Almeida Antunes
T163	Screening of Halophilic Microorganisms Producing Extracellular Hydrolyses from Different Hypersaline Environments of Turkey	Mehmet Burcin Mutlu
T164	Production of bacitracin by <i>Bacillus licheniformis</i> (UCP 1016) using media with different concentrations of milk serum	Amanda Mota Vieira
T165	Production, extraction, purification and antibacterial activity of cyclacidine antibiotic	Amanda Mota Vieira
T166	Influence of Carbon and Nitrogen Source on the Chitin and Chitosan Production by <i>Rhizopus arrhizus</i> - Factorial Design	Thatiana Montenegro Stamford-Amaud
T167	Bioleaching of zinc from low-grade complex sulfide ores by <i>Pseudomonas aeruginosa</i> UTM 01404	Sevim Sadig Zadeh, Maede Mousavi Lar, Parastoo Sabaei Fard, Sara Masoudi
T168	Biosurfactan Production by <i>Rhizopus Arrhizus</i> Using Agro Industrials Substrates as Alternative Medium	Marta Freitas Silva
T169	Application of polymeric biosurfactant produced by <i>Candida glabrata</i> for bioremediation of soil contaminated by hydrophobic pollutant	Rosileide Fontenele Andrade
T170	New procedure for evaluation of diffuse environmental pollution with aromatic organic compounds based on real-time PCR quantification of degradation potential in microbial communities	Monika Stavelova, Maria Brennerova
T171	Biosurfactants productions by <i>Candida glabrata</i> strains using industrial wastes as carbon and nitrogen sources	Rosileide Fontenele Andrade
T172	Biosurfactant production by <i>Pantoea sp.</i> in submerged fermentation using pineapple peel as an alternative medium	Fabiola Carolina Gomes de Almeida
T173	Influence of light and cassava wastewater (manipueira) in the production of astaxanthin by <i>Mucor circinelloides</i>	Aline Alves Barbosa da Silveira
T174	Biosurfactant production by <i>Cunninghamella elegans</i> UCP 542 using corn steep liquor and soybean oil as substrates	Manuela Cristina Mota Lins, Fabiola Carolina Gomes de Almeida
T175	Cellulase production by <i>Penicillium sp.</i> strain IS-07 using agro-industrial by-products	Rodrigo Pires do Nascimento
T176	Biomass and lipids production by <i>Cunninghamella elegans</i> UCP 542 using glycerin as carbon source	Manuela Cristina Mota Lins
T177	Production and Characterization of Chitosan by <i>Rhizopus oryzae</i> Using Media Agribusiness (manipueira Supplemented with corn steep liquor)	Manuela Cristina Mota Lins
T178	A case study of the bioremediation of a methyl <i>tert</i> -butyl ether-polluted Hungarian aquifer	Attila Szvetnik, Zsolt Szabó, Zoltán Bihari, Margit Balázs
T179	Characterization of Alkylphenol Degradation and Alkylphenol	Tadashi Toyama

	Degradation Gene Cluster of <i>Sphingobium fuliginis</i> strain TIK-1	
T180	Color Removal of Algoadois River Water By Chitosan Obtained from <i>Absidia Corymbifera</i>	Adamares Marques Silva
T181	Azo-dye orange II biodegradation by bacterial culture in a packed column at laboratory level	Felipe Neri Rodriguez Casasola
T182	Genetic modification of ergot alkaloid producing fungus, <i>Claviceps purpurea</i> , for increasing of alkaloid production	Helena Hulvová
T183	Optimization of Biotransformation (BDS) process of gaseol by the addition of biosurfactants to the immobilization cell systems	Juan Ojeda
T184	Diversity of AOB communities in aerobic granular sludge at different SBR cycle length and wastewater composition	Magdalena Zielinska, Agnieszka Cydzik-Kwiatkowska
T185	Motility pattern analysis and its effect on bacterial dispersal	Celia Jimenez-Sanchez
T186	Structural diversity of microbial communities in a bioreactor fed with bio-remediated metal-working fluid	Lucía Grijalbo Fernández
T187	Functional diversity of microbial communities in a bioreactor fed with bio-remediated metal-working fluid	Lucía Grijalbo Fernández
T188	Comparison of hydrocarbon-degradation by isolates of <i>Pseudomonas fluorescens</i> Chao, <i>P. putida</i> P13 and <i>Pantoea agglomerans</i> P5 in presence of Gas oil, Toluene and Phenanthrene	Mohammad Reza Sarikhani
T189	The effect of environmental condition on phenol biodegradation by isolated bacteria from coal plant wastewater	Mehran Hoodaji
T190	The efficiency of glyphosate Biodegradation by <i>Pseudomonas (aeruginosa)</i>	Mehran Hoodaji
T191	<i>Ampelomyces quisqualis</i> Ces. ex Schlecht. as an alternative measure of protection	Snezana Rajkovic, Miroslava Markovic
T192	Bioremediation of direct dyes in simulated textile effluents by paramorphogenic form of <i>Aspergillus oryzae</i>	Carlos Renato Corso
T193	Direct Violet 51 dye Biosorption at different pH values using <i>Phanerochaete chrysosporium</i> and <i>Aspergillus oryzae</i> autoclaved pellets	Carlos Renato Corso
T194	Taxonomically diverse chlorpyrifos degrading microorganisms from a chlorpyrifos contaminated tropical rice paddy	Subhasis Das
T195	Effect of acetate concentration-inoculum ratio on methanogenesis, using UASB granular sludge as inoculum	Emilio Nafarrate
T196	Bioremediation of PAH-contaminated soil in semi-arid conditions: effect of autochthonous bioaugmentation strategies.	Irma Susana Morelli
T197	Microbial Activity Studies in Phytoremediation of VOCs-contaminated Soil at Pak Chong, Thailand	Nipa Milintawisamai
T198	Interactions between fungi and bacteria associated with degradation of PAHs	Shuozhi Wang, Hiroo Uchiyama
T199	Kerosene biodegradation and biosurfactant production in sea water by the haloalkalitolerant yeast <i>Candida lipolytica</i> UCP 0988	Clarissa Daisy da Costa Albuquerque
T200	Biodegradation of atrazine and terbutryne by a mixed microbial community in a packed bed biofilm reactor	Deifilia Ahuatzí Chacón, Nora Ruiz-Ordaz
T201	Treatment additives reduced cadmium and arsenic bioavailability and increased 1,2-dichloroethane biodegradation and microbial activities in co-contaminated soil	Ademola O Olaniran, Balakrishna Pillay
T202	Biodegradation potential and molecular detection of the catechol 1, 2-dioxygenase gene of actinobacteria isolated from wastewater	José L Alonso

	treatment plants in Spain	
T203	Microbiological characteristics of Traditional Turkish Fermented Sucuk and identification of their yeast flora	Ismet Ozturk, Osman Sagdic
T204	Chitin and chitosan produced by <i>Cunninghamella elegans</i> using alternative medium coconut water.	Horacina Maria de Medeiros Cavalcante
T205	Screening of medium for biosurfactant production by <i>Geobacillus stearothermophilus</i> UCP 0986	Alicia Maria Andrade Torres Jara
T206	Biosurfactant production by <i>Rhodotorula glutinis</i> : emulsifying property and stability	Alicia Maria Andrade Torres Jara
T207	Biosurfactant production by <i>Mucor circinelloides</i> Using Apple peel, vegetable oil and corn steep liquor as Substrate	Aline Alves Barbosa da Silveira
T208	Biosurfactant production by <i>Rhodotorula glutinis</i> UCP 1555 using industrial wastes	Adamares Marques Silva
T209	Effect of Dibenzothiophene on the Ultrastructure of <i>Cunninghamella elegans</i> UCP 542	Marta Freitas Silva
T210	Formulation of the media of waste ice cream for the production of lipase by <i>Bacillus licheniformis</i> (UCP 1014)	Adriana Almeida Antunes
T211	The nutritional value of aminoacids from cell walls of Mucoralean strains	Galba M. Campos-Takaki

FRIDAY, 16 SEPTEMBER 2011
From 10:45-11:30 and from 16:15-17:00

Biofilms Methods - Quantitative Models and in Microbiology – Technology development Microbial Physiology, Metabolism and Gene Expression		
Code	Title	Presenter(s)
F1	Antibacterial activity of zinc containing clinoptilolite in different water media	Jasna Hrenovic
F2	Bioadhesion and biofilms formation: Impact of supports mechanical properties	Fabienne Fay
F3	The action profile of intrinsic antimicrobial polymers at conditions typical for the perishable food chain	Yvonne Ilg
F4	Influence of long-range van der Waals forces on biological adhesion - The importance of the subsurface composition	Peter Loskill
F5	Antimicrobial Activity of <i>Pimpinella anisum</i> Seed Extract	Nor'Aisham Binti Hasan
F6	Preparation, characterization and antibacterial activity of photocured thymol-doped acrylic resins	Micaela Degli Esposti
F7	Production of fructooligosaccharides by <i>Bacillus subtilis</i> natto	Maria Antonia Colabone Celligoi
F8	Production of crude gellan gum powder from deproteinized whey and use as a novel thickener/viscosifier/stabilizer in solutions and food products	Ioannis Giavasis and Konstantinos Petrotos
F9	Microbial production of novel polyhydroxyalkanoate bearing functional side groups by mixture carbon source	Yuh Wen Shen and Chia-Yin Lee
F10	Production and chemical composition of extracellular polymers produced by <i>Bacillus subtilis</i> , <i>Bacillus licheniformis</i> , <i>Bacillus pumilus</i> and <i>Bacillus</i> sp.	Vishwas B Khodse
F11	Polyhydroxyalkanoates production by a new isolated <i>Pseudomonas aeruginosa</i> from cassava wastewater utilizing soybean oil	Fabricio Coutinho de Paula
F12	Exopolysaccharide Producing Enzymes Identified from Enriched Genomic Libraries of Sugarcane Associated Bacteria	Gavin George
F13	Polyhydroxybutyrate production from biodiesel glycerol by <i>Burkholderia cepacia</i>	Fabricio Coutinho de Paula
F14	Effect of iron concentration in growth medium on poly β -hydroxybutyrate production in <i>Azotobacter chroococcum</i> and physical and mechanical properties of the polymer	Svetlana Gonta
F15	Influence of carbon source on bacterial cellulose production by <i>Gluconacetobacter xylinus</i> CECT 7291	Sara María Santos de Dios and Jose María Carbajo García
F16	Plasma induced modification of ultrafiltration membranes for viral removal in drinking water treatment	Mercedes Cecilia Cruz
F17	The control of oral Streptococci biofilm formation by the help of probiotic strains	Arezo Tahnourespour
F18	Differences in biochemical compounds in batch culture grown planktonic and biofilm cells of <i>Amphora rostrata</i> Wm.Sm.	Vishwas B. Khodse
F19	Effectiveness of topical novel nanohybrids of silver particles in a mice <i>Pseudomonas aeruginosa</i> keratitis model	Li-Ping Tseng
F20	Evaluation of biofilms on functional coatings	Fabienne Fay

F21	Molecular analysis of bacterial biofilm communities in response to environmental perturbations within drinking water distribution systems	Isabel Douterelo Soler
F22	High variability of gene expression in <i>S. epidermidis</i> biofilm population	Ângela França
F23	Cell-to-cell aggregation in <i>S. epidermidis</i> and its effect on quantification of total and viable bacteria within biofilms	Ângela França
F24	The degradation potential of carbamate pesticides by natural river biofilms in single and multi pesticide systems	Colin Chen, Chien-Jung Tien
F25	Monitoring impact of carbamate pesticides on bacterial community structure within natural river biofilms using DGGE technique	Chien-Jung Tien, Colin Chen
F26	An overall study of the microbial ecosystem of pigs liquid feeding systems	Anne Elain and Magali Le Fellic
F27	“In vitro” antibacterial activity of farnesol against <i>Staphylococcus epidermidis</i> biofilms	María Delgado Rastrollo
F28	The role of van der Waals forces on the dynamic adhesion of bacteria	Nicolas Thewes, Peter Loskill
F29	Relation between different pathogenicity factors of <i>Staphylococcus epidermidis</i>	María Delgado Rastrollo
F30	Does co-association in dual-species biofilms between <i>Listeria monocytogenes</i> and <i>Pseudomonas putida</i> determine antimicrobial resistance?	Daniel Vázquez Sánchez
F31	<i>Helicobacter pylori</i> biofilm: a natural environment to favour the genomic variability	Luigina Cellini, Rosella Grande, Mara Di Giulio
F32	Biological Response of oral microorganisms/Human Gingival Fibroblasts co-culture in the presence of 2-hydroxyethyl methacrylate	Mara Di Giulio, Luigina Cellini, Rosella Grande
F33	Universal system for cultivation and proteomic studies of bacterial biofilm communities	Jaroslav Weiser
F34	<i>Acinetobacter baumannii</i> biofilms in hospital settings: Search for novel adhesion inhibitors	Ryad Djeribi
F35	Influence of ageing time on antibacterial packaging from Sodium and Calcium caseinate incorporated with Carvacrol	Marina Patricia Arrieta
F36	Antibacterial biofilms based on calcium caseinate incorporated with carvacrol	Marina Patricia Arrieta
F37	Analysis of the effect on the composition and the relationship established by <i>Pseudomonas</i> biofilms with the Cr(VI) in batch cultures	Georgina Reyna López and Sandra Concha Ixmucame Guerrero
F38	Nitrate effect on sulfate reducing and nitrate reducing sulfide oxidizing bacteria in experimental bioreactors	Desiree Villahermosa Caballero
F39	Yeast biofilm-like behaviour in rich or poor media in the presence of polyphenols	Andrea Caridi
F40	<i>Burkholderia kururiensis</i> biosurfactant: anti-adhesive properties to inhibit biofilm development from <i>Listeria monocytogenes</i> pathogen on 304 stainless steel	Carolina Guimarães
F41	Influence of <i>Lactobacillus acidophilus</i> and <i>Actinomyces naeslundii</i> in the biofilm formation of <i>Streptococcus mutans</i>	Katiushka Arevalo Niño
F42	Molecular mass characterization of the capsular polysaccharide produced by <i>Haemophilus influenzae</i> type b during fermentation	Mickie Takagi
F43	Licorice root Ochratoxin A contamination detection by inverse ion mobility Spectrometry	Mahmoud Sheikh-Zeinoddin

F44	Kinetics survive of <i>Escherichia Coli</i> in Tryptic Soy Broth (TSB) under High hydrostatic pressure. Fitting a mathematical model, prediction and validation of a experimental nonlinear model	Samuel Jácome
F45	Prediction of type A trichothecene accumulation in wheat grain contaminated with <i>Fusarium sporotrichioides</i> using neural networks	Misericordia Jiménez Escamilla
F46	Rapid and sensitive detection of <i>Giardia</i> cysts and <i>Cryptosporidium</i> oocysts from glass slides	José L. Alonso
F47	Study of indirect RABIT curves fitted with modified Gompertz equations and correlation with relevant microbial parameters	Sam Crauwels
F48	Effect of Biofilm Formation of dental Plaque Isolates on the Surface of Artificial Teeth	Mehboob Ahmed
F49	Identification of Bacterial Community in Thermophilic Oil Reservoir Using Restriction Fragment Length Polymorphism (RFLP) and Culture-Base Method	Ainon Hamzah
F50	The QCM detection of <i>Bacillus atrophaeus</i> spores enhanced by magnetic particles	David Koval
F51	General detection of microbial contamination in technical fluids by adsorption to chemically functionalized surfaces	Anja Spielvogel and Jennifer Edith Langbein
F52	Volatile organic compounds of <i>Pseudomonas</i> and <i>Serratia</i> and their action on phytopathogenic fungi and bacteria	Alexandra Popova
F53	Quorum Sensing systems of <i>Serratia proteamaculans</i> 94	Yulia Zaytseva
F54	Evaluation of Fermentative Performance of <i>Candida guilliermondii</i> Grown in Sugarcane Bagasse Hydrolysate Detoxified With Activated Charcoal or Vegetal Polymer	Luciana Chaud
F55	Glycogen and Trehalose Accumulation in <i>Candida albicans</i> and <i>Candida rugosa</i>	Hülya Karaca
F56	The regulation of alkaline serine protease, PrtA, of <i>Vibrio parahaemolyticus</i> is involved in LuxO-OpaR system	Yu huei Chan
F57	Influence of hydrogen on the growth of hyperthermophilic organotrophic archaea of <i>Crenarchaeota</i> phylum	Salimat Bidzhieva
F58	Proteomic analyses of the white-rot fungus <i>Trametes hirsuta</i> grown on different substrates	Daria Vasina, Olga Koroleva, Tatyana Fedorova
F59	Stringent response is critical for survival of <i>Escherichia coli</i> upon treatment with inhibitors of aminoacyl-tRNA-synthetases, microcin C and albomycin.	Leonid Aseev
F60	Monitoring of the Inorganic Polyphosphate Accumulation and Acid and Alkaline Phosphatase Activity in <i>Cunninghamella elegans</i> Strains using Factorial Design	Thayza Christina Montenegro Stamford
F61	Functional analysis of <i>n</i> -alkane degradation by <i>Dietzia</i> spp.	Zoltán Bihari, Zsolt Szabó, Margit Balázs
F62	Biochemical and morphological studies of yeast <i>Rhodotorula rubra</i> . Sensitivity to cyanide, antimycin A, salicylhydroxamic acid, and to antibiotics	Ezzatollah Keyhani
F63	Dependence of the composition of methanogenic <i>Archaea</i> on the operational parameters of anaerobic dairy wastewater treatment	Magdalena Ziełńska, Agnieszka Cydzik-Kwiatkowska
F64	Activity of selected groups of microorganisms in aerobic granular sludge during SBR cycles	Agnieszka Cydzik-Kwiatkowska
F65	Use of the red fluorescent protein mCherry as a reporter gene in	Hanne Jørgensen

	<i>Pseudomonas putida</i> to achieve higher levels of expression in the XylS/ <i>Pm</i> regulator/promoter system	
F66	The phosphatidylserine synthase is required for motility of <i>Vibrio parahaemolyticus</i>	Chieh Wang and Chia-Yin Lee
F67	Approach to the analysis of the biological role performed by the laccase produced by <i>Streptomyces cyaneus</i> CECT 3335	M ^a Enriqueta Arias Fernández, Manuel Hernández Cutuli
F68	Regulatory roles of alternative sigma factors in transcription of genes in <i>Corynebacterium glutamicum</i>	Martina Pičmanová, Jan Nešvera
F69	Comparison of physiological profiles of halophilic microbial communities from different hypersaline area in Turkey	Erdoğan Çakir
F70	Analysis of interaction between GbdR, a choline metabolism regulator, with DNA and RNA polymerase.	Angela Teresita Lisa
F71	The highest synthesis of GbdR, an essential regulator of genes induced by choline in <i>Pseudomonas aeruginosa</i> , depends on the use of choline as an alternative nitrogen source	Angela Teresita Lisa
F72	Copper tolerance in <i>Marinobacter hydrocarbonoclasticus</i> - proteomic analysis of the periplasm	Celia Silveira
F73	Growth assessment methods for <i>Helicobacter pylori</i> in liquid medium	Daniela Matilde Marques Correia
F74	Taxonomy of sterol-degrading species of the actinomycetal genus, <i>Rhodococcus</i>	Joseph Kreit
F75	Auxotrophic markers enhance the growth deficiencies of <i>Saccharomyces cerevisiae</i> BY4741 <i>Dmnn9</i> in standard YPD medium	Francisco Teixidó
F76	Analysis of <i>Saccharomyces cerevisiae</i> protein interactions with Mnn2p using an open access database	Francisco Teixidó
F77	Characterization of a new <i>Saccharomyces cerevisiae</i> dsRNA virus encoding a killer toxin with broad antifungal activity	Matilde Maqueda Gil
F78	Ecological distribution of <i>Saccharomyces</i> killer yeasts in south-western Spain	Matilde Maqueda Gil
F79	Expression analyses of oxidative stress <i>kata</i> , <i>katG</i> and <i>oxyR</i> genes in <i>Erwinia amylovora</i> in the viable but nonculturable state	Ricardo Delgado
F80	Gene expression by <i>Erwinia amylovora</i> during starvation in natural water	Ricardo Delgado
F81	Construction of analysis method for tetrachloroethylene dissimilate-degrading microbes	Hiroo Uchiyama
F82	Monitoring of the inorganic polyphosphate accumulation and acid and alkaline phosphatase activity in <i>Cunninghamella elegans</i> strains using factorial design.	Thayza Christina Montenegro Stamford
F83	Production of Recombinant Dog Sperm Protein Izumo as An Immunogenic Antigen	Saeed Aminzadeh

VIRTUAL PRESENTATIONS

Title	Presenter(s)
Ecology of <i>Bacillus</i> sp. and <i>Lysinibacillus</i> sp. in rice field soils from Southern Brazil.	Catusca Reali
The fibrolytic activity of rumen bacteria on in vitro disappearance of sugarcane pith processed with high pressure steam in Holstein steer	Tahereh Mohammadabadi
The effect of powder of Mint, Ginger and Cinnamon on in vitro degradation of alfalfa hay by sheep rumen microorganism	Tahereh Mohammadabadi
Fly density and environmental factors in street vendor foods and its contamination with <i>Escherichia coli</i>	Dewi Susanna
Nanopods: A New bacterial structure for deployment of outer membrane vesicles	William Hickey
Correlation between spore-forming bacteria and physicochemical parameters in water samples from irrigated rice ecosystems of Southern Brazil.	Michele Pittol
Variation of metal content in 15 bacteria grown under macronutrient-limiting conditions: Ecological implications	Mercedes Martín Cereceda
Effect of <i>Bacillus subtilis</i> and inulin, single or combined, on intestinal microbiota of <i>Sparus aurata</i> L.	Rebeca Cerezuela Cabrera
Environmental anthropogenic impact on Polychaetes of Adriatic Sea of the Salento peninsula (Italy)	Costantino Masciopinto
Time-evolution of growing Gram-negative bacteria and biological oxygen consumption in marine microcosms polluted with gasoline	Simona Ghita
Community-Driven Anaerobic Chromate Reduction by Yellowstone National Park Hot Springs Microorganisms	Tamara Marsh
Activity of extracellular enzymes in waters of eutrophic lake	Agnieszka Kalwasinska
Polyvinyl alcohol and rosemary extract as useful antimicrobial polymeric mixture for food purposes	Florencia Nazzaro
Microbiological profile of maize and rye flours and mother-dough throughout time	Francisco Xavier
Transformation of monoterpene alcohols, such as nerol and geraniol, with <i>Aspergillus niger</i> in Yeast-Malt medium	Takehiko Tsuruta
Characterization of an intracellular β -glucosidase activity from <i>Oenococcus oeni</i> ST81 isolated from wine	M ^a Teresa Alegre Arribas
Development of a DNA microarray for the detection of pathogenic and spoilage bacteria in seafood.	Karola Böhme
Identification and characterization of <i>Bacillus</i> strains by MALDI-TOF mass fingerprinting and genomic analysis	Inmaculada C. Fernández
Rapid differentiation of <i>Enterococcus</i> species by MALDI-TOF mass spectrometry	Marcos Quintela Baluja
Upward or Downward Dehiding of Beef Carcasses – which gives a cleaner product?	Tom Kennedy
Removing radionuclide deposits from dry metal and concrete surfaces by fungal lignocellulose mats: The start of a green technology in decommissioning of nuclear facilities	Gerhard Gramss
Production of itaconic acid by Solid State Fermentation on wheat bran with <i>Aspergillus itaconicus</i>	Clémence Restino
How industrial microbiology could be used to teach biotechnology	Javier Méndez

	Viera
Production of Dextran using <i>Leuconostoc</i> sp. isolated from fermented wheat flour	Gunjan Goel
Procalcitonin and sepsis in general surgery	José Felipe Reoyo Pascual
Current Antibiotic Sensitivity Pattern of HVS Clinical Isolates in Karachi, Pakistan	Abdullah Farhan Essa
Molecular characterization of <i>Staphylococcus aureus</i> from backyard dairy farms: zoonotic potential of local strains and insights into biological control.	Juan José Valdez Alarcón
Antimicrobial susceptibilities of <i>Porphyromonas</i> and <i>Prevotella</i> species isolated from periodontitis infections in north of Portugal.	Cristina Pina
Molecular analysis of community acquired methicillin resistant <i>Staphylococcus aureus</i> isolated from skin and soft tissue infections, Botucatu Medical School, Brazil	Maria de Lourdes Ribeiro de Souza da Cunha
Activity methanolic extracts of <i>Azadirachta indica</i> (A. Juss) on <i>P. Gingivalis</i>	Laura Elena Villarreal García
Oligodynamic action of Cadmium, Zinc and Silver on Enteric pathogens	Gunjan Goel
Frequency of isolation of <i>Staphylococcus lugdunensis</i> in nosocomial infections	Abdullah Farhan Essa
Metabolomic study in human urine samples using HPLC-TOF-MS of cranberry syrup with antibacterial activity	Ihsan Iswaldi
Methodological optimization of the extraction of outer membrane subproteome in <i>Vibrio harveyi</i>	Inés Arana
Plasmid copy number quantification by spectrofluorometry	Belén Mendoza Chamizo
<i>Saccharomyces cerevisiae</i> plasma membrane dicarboxylate transporter is a probable sensor of extracellular pH	Dinara Aliverdieva
How do they affect different conditions of culture to the cellular stress in biofilms?	María Gabriela Paraje
Growth conditions influence <i>E. coli</i> persists formation during stationary phase of growth.	Daria Leszczynska
Application of Flotation and Bioremediation to Eliminate Persistent Organic Pollutants in the Influent Stream of Cerny Prikop (Czech Republic)	Iva Janáková
Bioremediation of Sites Contaminated with Textile Effluents: Role of Designer Bacterial Consortium and Plasmids in the Decolorization of Various Textile Azo Dyes	Rameshkumar Kadwabhai Kothari
New dissimilatory arsenate reducers – isolation, characteristic and potential application in biometallurgy	Lukasz Drewniak
High redox-potential laccases from <i>Pycnoporus</i> : blue laccases for white and red biotechnology	Eva Uzan-Boukhris
The antifungal activity of <i>Streptomyces albidoflavus</i> , purification and characterization of its antifungal components	Maria Swiontek Brzezinska
Biofilm (biocellulose membrane) production by <i>Glucoacetobacter xylinum</i> from waste residues of fruits and tea leaves	Denise Vieira
Resistance to the thermochemical disinfection of the spores of <i>Bacillus cereus</i> organized in biofilm on a stainless surface	Didouh Nassima