

178th OMICS Group Conference

Scientific Program



5th World Congress on

Biotechnology

June 25-27, 2014 Valencia Conference Centre, Spain



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OMICS Group Conferences

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08:30-08:50

Opening Ceremony

Keynote Forum

- 08:50-09:00 Introduction**
- 09:00-09:25 Marc Van Montagu**
University of Ghent, Belgium
- 09:25-09:50 Robert Gaxiola**
Arizona State University, USA
- 09:50-10:15 Ara Kanekanian**
Cardiff Metropolitan University, UK

10:15-10:45 Group Photo & Coffee Break @ Multipurpose Hall 1

Track 2: Biotechnology in Agriculture

Session Chair: Alain Goossens, Ghent University, Belgium

Session Co-Chair: Oscar Vicente, IBMCP, Polytechnic University of Valencia, Spain

Session Introduction

Symposium on:

GM crops to feed the world in the XXI century and the risks posed by the irrational opposition of radical ecologists
by Ramon Serrano, Polytechnic University of Valencia, Spain

- 10:45-11:05 Title: GM crops to feed the world in the XXI century and the risks posed by the irrational opposition of radical ecologists**
Ramón Serrano, Polytechnic University of Valencia-CSIC, Spain
- 11:05-11:25 Title: Engineering crops with enhanced water and nutrient use efficiencies**
Roberto Gaxiola, Arizona State University, USA
- 11:25-11:45 Title: Strategies to increase food production by developing new crop varieties tolerant to abiotic stress**
Oscar Vicente, Institute of Plant Molecular and Cellular Biology (IBMCP, UPV-CSIC), Spain
- 11:45-12:05 Title: Jasmonates and biosynthesis of defense metabolites, can we break the multiple feedback loops?**
Alain Goossens, Ghent University, Belgium
- 12:05-12:25 Title: A forward genetic approach in *Arabidopsis thaliana* identifies novel crucial genes and mechanisms for seed longevity**
Eduardo Bueso, Polytechnic University of Valencia-CSIC, Spain
- 12:25-12:45 Title: Identification of triticale - rye hybrids with ISSR-PCR markers application**
Tomasz Warzecha, University of Agriculture in Krakow, Poland

Lunch Break 12:45-13:45 @ Multipurpose Hall 2

- 13:45-14:05 Title: Management of Citrus Nematode (*Tylenchulus semipenetrans*) by certain plant species**
Aida M. El-Zawahry, Assiut University, Egypt
- 14:05-14:25 Title: Molecular identification of viruses responsible for severe symptoms on potato (*Solanum* sp.) growing in Assiut Governorate (Upper Egypt)**
Amal Mohamed Ibrahim Eraky, Assiut University, Egypt
- 14:25-14:45 Title: Investigation of *Bacillus thuringiensis* Cry1Aa toxicity to *Ephestia kuehniella* (Lepidoptera: Pyralidae)**
Souad Rouis, Sfax University, Tunisia
- 14:45-15:05 Title: Phenotypic structure of grain size and shape variation in M5 mutation lines of spring wheat through gamma irradiation**
Kenzhebayeva Saule Sagindikovna, Al-Farabi Kazakh National University, Kazakhstan

Coffee Break 15:05-15:25 @ Multipurpose Hall 1

- 15:25-15:45 Title: Development of a novel fermentation and formulation process for an endophytic *Beauveria bassiana* strain**
Rieke Lohse, University of Applied Sciences Bielefeld, Germany
- 15:45-16:05 Title: Molecular characterization of *Trichoderma* isolates as biological control**
Khalid Abdel-lateif, Menoufia University, Egypt
- 16:05-16:25 Title: The application of combinatorial biotechnology to crop improvement: A case study on potato**
Elena Rakosy-Tican, Babes-Bolyai University, Romania

Committee Room 1

Track 4: Food and Bioprocess Technology

Session Chair: Ara Kanekanian, Cardiff Metropolitan University, UK

Session Co-Chair: Ana M. Hortigüela, Instituto de Medicina Genómica, Spain

Session Introduction

- 10:45-11:05 Title: Transformations of carbohydrates into prebiotic oligosaccharides using free or immobilized glycosidic enzymes**
Francisco J. Plou, CSIC Institute of Catalysis, Spain
- 11:05-11:25 Title: Screening and production of phytase from *Phytophthora infestans*-13**
B.S Gowrishankar, Siddaganga Institute of Technology, India

11:25-11:45	Title: New nanospheres attached Pt(II)-Schiff bases for investigation of glucose oxidase enzyme as biocatalysts Nurdan Kurnaz Yetim, Gazi University, Türkiye
11:45-12:05	Title: Therapeutic effects of <i>Lactobacillus</i> and α lipoic acid against DMN -induced liver fibrosis Khairy M. A. Zoheir, King Saud University, Saudia Arabia
12:05-12:25	Title: Evaluation of deep eutectic solvent in extraction of plant phenolic Ivana Radojčić Redovniković, University of Zagreb, Croatia
12:25-12:45	Title: Proteomic comparative studies among conventional and GM varieties of soybean and maize Flavio Finardi-Filho, University of São Paulo, Brazil
Lunch Break 12:45-13:45 @ Multipurpose Hall 2	
13:45-14:05	Title: Gamma-aminobutyric acid (GABA) as a bioactive compound in food Marina Diana, University of Barcelona, Spain
14:05-14:25	Title: Approaching differently to <i>Zymomonas mobilis</i>: A promising leavening agent Alida Musatti, University of Milan, Italy
14:25-14:45	Title: Effect of sulfate and chloride salts on coal biodesulfurization process employing acidophilic bacteria Duarte Paola, National University of Colombia, Colombia
14:45-15:05	Title: Evaluation of mine tailings biooxidation from laboratory to pilot plant Laura Muñoz, National University of Colombia, Colombia
Coffee Break 15:05-15:25 @ Multipurpose Hall 1	
15:25-15:45	Title: Recycling aqueous two-phase systems and application in biotechnology Cao Xuejun, East China University of Science and Technology, China
15:45-16:05	Title: Development of a new method for the quantification of meat species in food samples Ana M. Hortigüela, Instituto de Medicina Genómica, Spain
16:05-16:25	Title: Study of Milk-Clotting Protease s Produced by Local Fungal Strains: Use in Cheese-making SOUHILA Bensmail, M'hamed Bougara University, Algeria
Day 2 June 26, 2014	
08:00-08:30 Registrations	
Auditorium 3 A+B	
Keynote Forum	
08:30-08:55	Dawei Li Shanghai Jiao Tong University, China
08:55-09:20	Manuel Perez-Alonso University of Valencia, Spain
09:20-09:45	Cheorl-Ho Kim Sung KyunKwan University, Korea
Track 3: Biotechnology in Health Care	
Track 5: Cancer & Genomics Research	
Session Chair: Cheorl-H Kim, Sung Kyun Kwan University, Korea	
Session Co-Chair: Martin J. D'Souza, Mercer University, USA	
Session Introduction	
09:45-10:05	Title: Nano vaccines for infectious diseases Martin J. D'Souza, Mercer University, USA
10:05-10:25	Title: Delivery of Peptides and Proteins Richard Addo, Union University, USA
10:25-10:45	Title: How to create one of the main reference laboratories for the genetic testing of rare diseases Manuel Pérez Alonso, University of Valencia, Spain
Coffee Break 10:45-11:05 @ Multipurpose Hall 1	
11:05-11:25	Title: Polyamidoamines as protein carriers, antiviral and antimalarial agents Paolo Ferruti, Consorzio Interuniversitario di Scienza e Tecnologia dei Materiali (INSTM), Italy
11:25-11:45	Title: Nanotechnology against malaria Xavier Fernández-Busquets, Barcelona Centre for International Health Research, Spain
11:45-12:05	Title: <i>In Vitro</i> antibacterial activity of different <i>Salvadora persica</i> miswak extracts against isolated and genetically identified oral cavity pathogens Abd El-Latif Hesham, Assiut University, Egypt
12:05-12:25	Title: Defining spatial distribution of mosquito breeding sites and areas under risk using Remote Sensing - GIS integration Mohamed Mahmoud Sowilem, National Authority for Remote Sensing and Space Sciences (NARSS), Egypt
12:25-12:45	Title: Hesperetin inhibit adipocyte proliferation and differentiation by down regulating adipogenic genes in human mesenchymal stem cells Subash-Babu Pandurangan, King Saud University, Saudi Arabia
Lunch Break 12:45-13:45 @ Multipurpose Hall 2	
13:45-14:05	Title: Oxyanion transport properties of SLC26A gene family in hela cell Eka Sunarwidhi Prasedya, Fukushima Medical University, Japan
14:05-14:25	Title: Functional proteomics for biomarker and drug discovery Manuel Fuentes, Cancer Research Center, University of Salamanca-CSIC, Spain
14:25-14:45	Title: Aberrant glycosylation of HBV-derived hepatocarcinoma cancer tissues and blood: HBX and sialyl lewis A for metastasis Cheorl-Ho Kim, Sungkyunkwan University, Korea
14:45-15:05	Title: Systems biology approach in the discovery and development of cyclin-dependent kinase inhibitors as new therapeutics in oncology and cardiology Nikolai Zhelev, Abertay University, UK

15:05-15:25 **Title: Counting PCR: An alternative to digital PCR for absolute Quantification**
John SantaLucia, DNA Software Inc, USA

Coffee Break 15:25-15:45 @ Multipurpose Hall 1

15:45-16:05 **Title: Early breast cancer detection with bi-modal molecular imaging**
Barbara Blasiak, University of Calgary, Canada

16:05-16:25 **Title: Regulation of angiogenesis by endogenous metabolite**
Smita C. Pawar, University of Nebraska Medical Center, USA

16:25-16:45 **Title: Molecular imaging of cancer with core/ shell nanoparticles**
Boguslaw Tomanek, University of Calgary, Canada

16:45-17:05 **Title: Protein protease inhibitor: A dietary anti-oxidant**
Sadaf Fatima, Jamia Millia Islamia, India

17:05-17:25 **Title: Detection of hepatitis E virus (HEV) by real time PCR, in pig livers from local groceries in Comunidad Valenciana (Spain)**
García Andrés Mario, UCH-CEU University, Spain

17:25-17:45 **Title: PLGA-g-PVP amphiphilic bioactive and biocompatible copolymers for fabrication of nanostructured materials**
Elisabetta Ranucci, University of Milano, Italy

17:45-18:05 **Title: Antioxidant evaluation of Moringa oleifera therapy combination in mice with Plasmodium berghei malaria**
Odunlade A. K, Yaba College of Technology, Nigeria

15:45-17:45 Poster presentation (P56- P110) @ Multipurpose Hall 1

Committee Room 1

Track 13: Petroleum and Environmental Biotechnology

Track 9: Microbiology and Microbial World

Track 12: Marine Biotechnology and Renewable Energy Technology

Session Chair: Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation

Session Co-Chair: Zlatka Alexieva, Bulgarian Academy of Sciences, Bulgaria

Session Introduction

Symposium: Biotechnology for wastewater treatment, Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation

09:45-10:05 **Title: Biotechnology for wastewater treatment**
Inga Zinicovscaia, Joint Institute for Nuclear Research, Russia

10:05-10:25 **Title: A Novel BTEX-degrading Bacteria, Microbacterium esteraromaticum SBS1-7, Isolated from Seabed Sludge**
Sansanee Khiawjan, Mahidol University, Thailand

10:25-10:45 **Title: Bioecomaterials from agri-wastes**
María De Los Angeles Martín Luengo, Institute of Materials Science of Madrid, CSIC, Spain

Coffee Break 10:45-11:05 @ Multipurpose Hall 1

11:05-11:25 **Title: Production and application of lipopeptide biosurfactant for dispersing oil spill in seawater**
Suwat Soonglerdsongpha, PTT Research and Technology Institute, Thailand

11:25-11:45 **Title: Biodiesel production using waste cooking oil**
Tobinson Briggs, University of Port Harcourt, Nigeria

11:45-12:05 **Title: A viable approach for efficient bioremediation of tannery effluent by simultaneous detoxification of hexavalent chromium and pentachlorophenol by an indigenous Bacillus cereus strain**
Tuhina Verma, Dr. R.M.L. Avadh University, India

12:05-12:25 **Title: Nuclear and related analytical techniques in microbial biotechnology**
Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation

12:25-12:45 **Title: Catabolic potential related to the aromatic pollutants biodegradation by fungal strains isolated from Antarctic soils**
Zlatka Alexieva, Bulgarian Academy of Sciences, Bulgaria

Lunch Break 12:45-13:45 @ Multipurpose Hall 2

13:45-14:05 **Title: Synthesis and antimicrobial investigations of novel polymer-supported schiff bases**
Dilek Nartop, Nevsehir University, Turkey

14:05-14:25 **Title: Formulation of microbial culture medium using a combination of human urine and acha (Digitaria exilis) extract as broth**
Onwuliri F. C., University of Jos, Nigeria

14:25-14:45 **Title: Cilioprotists as biological indicators for estimating the efficiency of using gravel bed hydroponics system in domestic wastewater treatment**

Hamed A. El-Serehy, King Saud University, Saudi Arabia

14:45-15:05 **Title: Wound healing properties of leaf fraction of Spermacoce verticillata (LINN)**
Edith A Onwuliri, University of Jos, Nigeria

15:05-15:25 **Title: How MAP kinase signaling regulates the transcriptomic and proteomic response of the biocontrol fungus Trichoderma atroviride**
Susanne Zeilinger, Vienna University of Technology, Austria

Coffee Break 15:25-15:45 @ Multipurpose Hall 1

15:45-16:05 **Title: Biosorption of Zn²⁺ by living and lyophilized biomass of Bacillus cereus DAA54 and Pseudomonas aeruginosa DAA86**
Magdy A. Abo- Gharbia, Sohag University, Egypt

16:05-16:25 **Title: Exploiting the cold environments: psychrophilic bacteria as a promising source of novel bioactive compounds**
Donatella de Pascale, Institute of Protein Biochemistry, National Research Council, Italy

16:25-16:45 **Title: Optimization for marine macro-algal monosaccharide production using Pseudoalteromonas piscicida**
Manal M.A. El-Naggar, National Institute of Oceanography and Fisheries, Egypt

16:45-17:05 **Title: Nitrate removal by modified lignocellulose**
Anni Keränen, University of Oulu, Finland

17:05-17:25 **Title: Feasibility of biofuels production: combining H₂-CH₄ and lipid production from food wastes using mixed anaerobic microflora**
X. Gómez, University of León, Spain

- 17:25-17:45 **Title: Optimization of the operating parameters for beta galactosidase production on cheese whey**
Khaled BOUDJEMA, Université de M'Hamed Bougara, Algérie
- 17:45-18:05 **Title: Evaluation of sugar cane bagasse hydrolysis by the cellulolytic crude extract from the thermophilic fungus *Myceliophthora heterothallica* F. 2.1.4.**
Bonilla-Rodriguez G.O., IBILCE-UNESP, Brazil
- 18:05-18:25 **Title: Investigating the potential of ten South African indigenous plants extracts as quorum sensing inhibitors (QSI) of *Pseudomonas aeruginosa* virulence-related factors**
Cosa S, University of KwaZulu-Natal, South Africa
- 18:25-18:45 **Title: What microbial ecology can do for biotechnology: Looking at uncultured microbes in nature, a new gold mine**
Manuel Martinez-Garcia, University of Alicante, Spain
- 18:45-19:05 **Title: Leachate treatment by different ceramic membranes**
Aissa Belouatek, University of Mostaganem, Algérie

Committee Room 2

Track 8: Biochemistry, Cell and Molecular biology

Session Chair: Salvador Ventura, Universitat Autònoma de Barcelona, Spain

Session Co-Chair: Giuseppe Manco, Institute of Protein Biochemistry, National Research Council (CNR), Italy

Session Introduction

- 14:00-14:20 **Title: Design of aggregation resistant protein biotherapeutics**
Salvador Ventura, Universitat Autònoma de Barcelona, Spain
- 14:20-14:40 **Title: Hyperthermophilic phosphotriesterases/ lactonases: Structure, function and applications**
Giuseppe Manco, Institute of Protein Biochemistry, Italy
- 14:40-15:00 **Title: Novel biologically active caffeic acid-derived biopolymer from different species of Boraginaceae family with potential therapeutic effect**
V.Barbakadze, Tbilisi State Medical University Institute of Pharmacochimistry, Georgia
- 15:00-15:20 **Title: Molecular response to toxic diatom-derived aldehydes in the sea urchin *Paracentrotus lividus***
Stefano Varrella, Stazione Zoologica Anton Dohrn, Italy

Coffee Break 15:20-15:40 @ Multipurpose Hall 1

- 15:40-16:00 **Title: Identification of muscular dystrophy-specific biomarkers using fluorescence two-dimensional difference in-gel electrophoresis**
Kay Ohlendieck, National University of Ireland, Ireland
- 16:00-16:20 **Title: Differential inhibition of PDKs by phenylbutyrate and identification of putative binding sites**
Clara Iannuzzi, Institute of Protein Biochemistry, Italy
- 16:20-16:40 **Title: Optimization of conditions for obtaining hydrogels of PVA/SMP and evaluation of the presence of crosslinks between chains**
Andreia de A. Morandim-Giannetti, Centro Universitário da FEI, Brazil
- 16:40-17:00 **Title: Optimized extraction of microalgae's metabolites: a crucial step in High-Throughput Screening programs dedicated to phytoplankton chemodiversity**
Benoît Serive, Laboratoire de Physiologie et Biotechnologie des Algues - Centre IFREMER Nantes, France
- 17:00-17:20 **Title: MicroRNAs: Are new players in cardiac dysfunctions?**
Belma Turan, Ankara University, Turkey
- 17:20-17:40 **Title: Application of in situ synthesis of fluorophores to bioanalytical assays**
Valery Pavlov, CIC Bioma GUNE, Spain
- 17:40-18:00 **Title: Mammalian cells communication a possible hypothesis**
Mariapia Viola-Magni, Università degli Studi di Perugia, Italy

Day 3 June 27, 2014

Committee Room 1+2

Keynote Forum

Symposium on: Enzyme Based Biosensors-Development & Applications

09:00-09:30 **Aihua Liu**, Qingdao Institute of Bioenergy & Bioprocess, CAS, China

Track 11: Bioinformatics and Biosensor

Track 07: Genetic Engineering and rDNA Technology

Track 01: Current Scenario of Biotechnology

Track 10: Animal Biotechnology and Cell Culture

Session Chair: Aihua Liu, Qingdao Institute of Bioenergy & Bioprocess, CAS, China

Session Co-Chair: Amparo Pascual-Ahuir Giner, Universidad Politécnica de Valencia, Spain

Session Introduction

- 09:30-09:50 **Title: Use of EST2 from *A. acidocaldarius* as bioactive part in biosensors for organophosphate detection**
Ferdinando Febbraio, Institute of Protein Biochemistry of CNR, Italy
- 09:50-10:10 **Title: Mutational load in signaling pathways of human populations and its functional Consequences**
Rosa D. Hernansaiz Ballesteros, Principe Felipe Research Center, Spain
- 10:10-10:30 **Title: DQCM beating the standard coagulometer in the domain of sensitivity range and information for hemostasis of human plasma**
Munawar Hussain, Tuebingen University, Germany

Coffee Break 10:30-10:50 @ Multipurpose Hall 1

- 10:50-11:10 **Title: An investigation on regulation on trichome metabolism related genes against salt stress in soybean (*Glycine max* L. Merr.)**
Özge Çelik, Istanbul Kultur University, Turkey
- 11:10-11:30 **Title: Real time analysis of gene expression in living yeast cells: Novel approach for accurate cell damage detection**
Amparo Pascual-Ahuir Giner, Universidad Politécnica de Valencia, Spain
- 11:30-11:50 **Title: A Drosophila high-throughput drug screening platform identifies inhibitors of misregulated alternative splicing events in myotonic dystrophy**
Ruben Artero, Parque Científico de la Universitat de València, Spain
- 11:50-12:10 **Title: Patent protection and transfer of technology in biotechnology**
Maria Rosa DE LA COLINA MONTERO, ELZABURU, S.L.P, Spain

12:10-12:30	Title: Bringing Biotechnology to society, an overview of the Spanish experience Rodrigo García Valiente , Spanish Federation of Biotechnologists, Spain
12:30-12:50	Title: The EIT's knowledge and innovation communities (KICs): Towards european innovation factories Alexander von Gabain , European Institute of Innovation and Technology, Austria
Lunch Break 12:50-13:50 @ Multipurpose Hall 2	
13:50-14:10	Title: Restriction of heterologous lentiviruses by caprine Trim5α Lorena de Pablo , Instituto de Agrobiotecnología (CSIC-UPNA-Gobierno de Navarra), Spain
14:10-14:30	Title: SRLV traces in red deer Leticia Sanjosé , Instituto de Agrobiotecnología (CSIC-UPNA-Gobierno de Navarra), Spain
14:30-14:50	Title: Mapping Quantitative Trait Loci affecting polygenic traits in chicken Mostafa K. Nassar , Cairo University, Egypt
14:50-15:10	Title: The role of p19 gene in the transformation efficiency of amorphaadiene synthase in Artemisia annua for artemisinin production Elfahmi , Bandung Institute of Technology, Indonesia
Coffee Break 15:10-15:30 @ Multipurpose Hall 1	
15:30-15:50	Title: A comparative superoxide radical sensing study: Designing of different sensing platforms, enzyme-free superoxide radical sensing, and biological applications Kaan C. Emregul , Ankara University, Turkey
15:50-16:10	Title: India's current status of pharmaceutical biotechnology Govindasamy Agoramoorthy , Tajen University, Taiwan
16:10-16:30	Title: Plasmid copy number determination in B. subtilis dnaC30 bearing (p5.2) plasmid Malika Alili , Ecole Normale Supérieure, Algeria
16:30-16:50	Title: γ-Irradiation induced erythrocytes malformations of medaka (Oryzias latipes) Alaa El-Din Hamid Sayed , Assiut University, Egypt
16:50-17:10	Title: Reduction of estrogenic activity of BPA by fungal Laccase Alexandre Nunes Ponezi , State University of Campinas, Brazil
17:10-17:30	Title: A Biochemical study of acute phase proteins markers of diarrhoea in well fed young rats(Rattus rattus) Khaled Ismail Ghaleb , King Khaled university, Saudi Arabia
17:30-17:50	Title: Acute phase proteins are potent markers for early detection of diarrhea in white New Zealand rabbits (Oryctolagus cuniculus) in Egypt: A Biochemical study Aaser Abdelazim , King Khalid University, Kingdom of Saudi Arabia
Closing Ceremony	

Media Partners



Poster Presentations

Day 1

15:30-17:30 Poster No. 001 - 055 @ Multipurpose Hall 1

Day 2

15:45-17:45 Poster No. 001 - 055 @ Multipurpose Hall 1

P-001	Title: Characterization of a spinal muscular atrophy Drosophila model Ruben Artero, University of Valencia, Spain
P-002	Title: Plant transglutaminases: Cloning and characterization of the rice transglutaminase TGO Mireya Santos & Josep M. Torné, Centre for Research in Agricultural Genomics (CRAG) CSIC-IRTA-UAB-UB, Spain
P-003	Title: Fundación medina's collections: Integrated solution for natural products HTS drug discovery J. R. Tormo, Fundación MEDINA, Parque Tecnológico Ciencias de la Salud, Spain
P-004	Title: Exploring the role of the phosphorylated pathway of serine biosynthesis in the plant response to abiotic stress Raúl Alejandro Garza Aguirre, Universitat de València, Spain
P-005	Title: Detection of hepatitis E virus (HEV) by real time PCR, in the different phases of pig manure treatment plants García Andrés Mario, UCH-CEU University, Spain
P-006	Title: Generating a porcine bladder cancer model Jannik E. Jakobsen, Aarhus University, Denmark
P-007	Title: Nicotinamide adenine dinucleotide-dependent automodification of poly (ADP-ribose)polymerase and membrane lipid composition: How to link diet intake to the physio-pathological state of the cell Maria Rosaria Faraone Mennella, University of Naples Federico II, Italy
P-008	Title: Essential oils of plants against Bipolaris oryzae, Fusariumculmorum and Fusarium sambucinum isolated from rice Pilar Santamarina, Universitat Politècnica de València, Spain
P-009	Title: Approaching differently to Zymomonas mobilis: A promising leavening agent Alida Musatti, University of Milan, Italy
P-010	Title: A Drosophila model for the discovery of inhibitors of protein-protein interactions Rubén Artero, INCLIVA Health Research Institute, Spain
P-011	Title: Dissecting the role of the 7-transmembrane receptor Gpr1 in the biocontrol fungus Trichoderma atroviride using a transcriptomics approach Susanne Zeilinger, Vienna University of Technology, Austria
P-012	Title: Classification of IMM genes in Leptosphaeria maculans: Causal agent of Blackleg in Brassica napus Kamal Sharma, Czech University of Life Sciences, Czech Republic
P-013	Title: Determination of arginine and its metabolites for clinical research and practice Aufartova Jana, Charles University, Czech Republic
P-014	Title: Molecular analysis of genetic diversity in situ collection of Characterization of S-alleles in sweet cherry (Prunus avium L.) with novel designed primers Kamal Sharma, Czech University of Life Sciences, Czech Republic
P-015	Title: Effect of subcellular localization on the stability of NADP+-dependent glutamate dehydrogenase 1 in Saccharomyces cerevisiae Sanghyeon An, Chungnam National University, Korea
P-016	Title: Chemical structure and in vitro antitumor activity of trehalose lipid biosurfactant from a novel Nocardia farcinica strain Ivanka Stoineva, Bulgarian Academy of Sciences, Bulgaria
P-017	Title: Optimization of a process for biomass and lipid production from Rhodosporidium azoricum on a 200-litre bioreactor Marco Maresca, Versalis S.p.A. - Green Chemistry - Centro Ricerca Novara, Italy
P-018	Title: Comparison of the performance of various Clostridium butyricum strains in the production of 1,3-propanediol using different types of crude glycerol obtained from industry Katarzyna Czaczek, Poznań University of Life Sciences, Poland
P-019	Title: Biocatalytic production of lactose esters catalyzed by mesoporous immobilized lipases Isabel M. González-Delgado, Rey Juan Carlos University, Spain
P-020	Title: Risk assessment for contained use of GMOs Do Thi Chuong Dai, Scientific Institute of Public Health, Belgium
P-021	Title: Designing a scaffold for tissue engineering applications by using biopolymers and nanoparticles Cristian A. Acevedo, Universidad Técnica Federico Santa María, Chile
P-022	Title: 1,3-Propanediol production from crude glycerol by Clostridium butyricum DSP1 in repeated batch Katarzyna Czaczek, Poznań University of Life Sciences, Poland
P-023	Title: Operating strategies for 1,3-propanediol production from crude glycerol by Citrobacter freundii in fed-batch fermentation Agnieszka Drożdżyńska, Poznań University of Life Sciences, Poland
P-024	Title: In vitro antitumor activity of terpenes found in essential oils: structure-activity relationship Damião P. de Sousa, Federal University of Paraíba, Brazil
P-025	Title: Effects of conditions of culture on mitochondrial membrane potential and viability of genetically modified Pichia pastoris Figuerola Carolina A, Universidade de São Paulo, Brasil
P-026	Title: AOX expression is affected negatively for low concentration of methanol in cultures of yeast Pichia pastoris Andrea B Zepeda, Universidade de São Paulo, Brasil

P-027	Title: Induction of mitochondria-mediated apoptosis by mucoglycan of the eel skin mucus in human leukemic K562 cells Choong-Hwan Kwak, Sung KyunKwan University, Republic of Korea
P-028	Title: Biological activity of probiotics metabolites in human tumor cells HT-29 Barrón González M.P., Universidad Autónoma de Nuevo León, Mexico
P-029	Title: Ascochlorin acts as an anti-inflammatory agent in LPS-stimulated RAW264.7 macrophages: down-regulation of COX-2 and iNOS through suppression of ERK, JNK and p38 MAPK Sook-Hyun Lee, Sungkyunkwan University, Korea
P-030	Title: Entamoeba histolytica: Trophozoite and cyst stages inhibition by Bifidobacterium longum Barrón González M.P., Universidad Autónoma de Nuevo León, Mexico
P-031	Title: Natural compound dendropanoxide-induced autophagy can either suppress or promote cell death in colon cancer cell lines Sun-Hyung Ha, SungKyunKwan University, Korea
P-032	Title: Biodegradation of PAHs by Indigenous Strain from Yatsushiro Sea, Japan Raden Darmawan, Kumamoto University, Japan
P-033	Title: Coupled processing of Saccharomyces cerevisiae snoRNA 5' and 3' termini Żaneta Matuszek, University of Warsaw, Poland
P-034	Title: Development of a protein-polysaccharide complex from linseed: An alternative to synthetic surfactant César Burgos-D, Agriaquaculture Nutritional Genomic Center, CGNA, Chile
P-035	Title: Formation and stability of multilayer emulsions O/W, stabilized by lupin protein-xanthan gum-chitosan membranes, as a system of microencapsulation César Burgos-Díaz, Agriaquaculture Nutritional Genomic Center, CGNA, Chile
P-036	Title: Down-regulation of ZNF516 and FKBP6 tumor suppressor genes candidates in cervical cancer cell lines Carmen Ili, Universidad de La Frontera, Chile
P-037	Title: Evaluation of ZAR1 and SFRP4 promoter methylation as potential biomarkers for detection of cervical cancer in cytobrush, urine and blood samples Priscilla Brebi, Universidad de La Frontera, Chile
P-038	Title: Effect of glycation on amyloid aggregation and cytotoxicity Clara Iannuzzi, Institute of Protein Biochemistry, Italy
P-039	Title: Exploring paraoxonases/lactonases as a tool to interfere with Pseudomonas aeruginosa infection Luigi Mandrich, Institute of Protein Biochemistry, Italy
P-040	Title: Comparative proteome analysis by SELDI-MS of the dopaminergic cellular model A1 after NURR1 over-expression Ferdinando Febbraio, Institute of Protein Biochemistry of CNR, Italy
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