Day 1  29 November 2011

07:00-08:30     Registrations - Foyer
07:30-08:00     Breakfast - Foyer

09:00-09:30   General Session - Salons FGH  Opening Ceremony

Keynote Forum

09:30-09:35  Introduction
Dr. Ara Kanekanian
University of Wales Institute Cardiff, U.K

09:35-10:00
Prof. J Lodewyk F Kock
University of the Free State, South Africa

Coffee Break 10:25-10:40 - Foyer

10:40-11:05
Prof. Vladimir Elisashvili
Durmishidze Institute of Biochemistry and Biotechnology, Georgia

11:05-11:30
Dr. Sudhakar Akul Yakkanti
Boys Town National Research Hospital, USA

Lunch Break 11:45-12:30 - SalonsCDE
12:35-12:55 Title: Biotransformation of lignocellulosic-derived microbial inhibitors by Clostridium species
Dr. Thaddeus Chukwuemeka Ezeji, The Ohio State University, USA

12:55-13:15 Title: Enhanced in situ bioremediation of chloroethenes in fractured bedrock: A combined approach to assess remediation and microbial activity
Dr. Alfredo Pérez-de-Mora, University of Toronto, Canada

13:15-13:35 Title: P. ostreatus production using peach palm waste as substrate
Dr. Denise Abatti Kasper Silva, University of Joinville Region, Brazil

13:35-13:55 Title: Research progress of solid-state fermentation and its large-scale application
Dr. Lan Wang, Chinese Academy of Sciences, China

13:55-14:15 Title: Primary purification of Burkholderia sp. ST8 lipase by aqueous micellar two-phase system
Dr. Tau Chuan Ling, Institute of Biological Sciences, Malaysia

14:15-14:35 Title: Approaches to enhance the white-rot basidiomycetes ligninolytic enzyme activity expression
Dr. Vladimir Elisashvili, Durmishidze Institute of Biochemistry and Biotechnology, Georgia

14:35-14:55 Title: Purification and characterization of laccase produced by Trametes pubescens cultured on agro-industrial waste
Dr. Johann Facceo Osma Cruz, Universidad de los Andes, Colombia

14:55-15:15 Title: Enhanced microbial degradation of cyanuric chloride based reactive azo dye reactive orange 13
Prof. Parin Shah, Nirma University, India

15:25-15:45 Title: Preparation of emulsified encapsulated Bovine serum albumin microspheres of glucose oxidase
Dr. Kirti Rani Amity University, India

15:45-16:05 Title: Effects of microgravity on microbial community and its application in screening for novel microorganisms
Akiha Kuroda, University of Tsukuba, Japan

16:05-16:25 Title: Evaluation of biogas production potential of Spirulina Platensis
Dr. Aysenur Ugurlu, Hacettepe Universtty, Turkey

16:25-16:45 Title: Approach for optimization of lipase catalyzed monolein production via central composite design and response surface methodology
Dr. Carlos Eduardo Orrego, National University of Colombia, Columbia

16:45-17:05 Title: Design and evaluation of biorefineries in tropical countries
Dr. Carlos Ariel Cardona, Universidad Nacional de Colombia sede Manizales, Colombia

17:05-17:25 Title: Immobilization of Rhizomucor miehei lipase onto chitosan hybrids activated by different methods for ethyl oleate synthesis
Prof. Elizabete Araújo Carneiro, MSc Chemical Engineer Federal Institute of Education, Science and Technology of Ceará - Campus IFCE Quixadá

17:25-17:45 Title: Production and partial characterization of a β- galactosidase from Kluyveromyces lactis NRRL Y1564 grown in whey
Prof. Maria Valdez Ponte Rocha, Universidade Federal do Ceará/DEQ, Brazil

17:45-18:05 Title: Microbial remediation of chloroorganic compounds
Dr. H. K. Manonmani, Central Food Technological Research Institute (CSIR), India

18:05-18:25 Title: A novel technology for pharmaceutical component concentration with high productivity
Dr. Zhaoyang Liu, Nano-mem Pte. Ltd. &Nanyang Technological University, Singapore
Dr. Chung Hsuan (Winston) Chen, Academia Sinica Taipei, Republic of China

13:55-14:15 Title: Multiplexing cell-based assays for the discovery of novel viral protease inhibitors
Dr. Roland Wolkowicz, San Diego State University, USA

14:15-14:35 Title: Development of a bio-assay to screen for anti-mitochondrial drugs
Dr. Chantel Swart, University of the Free State, South Africa

14:35-14:55 Title: The Rim101/Nrg1 pathway regulates PMR1 expression in yeast cells
Dr. Linghuo Jiang, Jiangnan University, China

14:55-15:15 Title: Structure-activity relationship of some 4-anilinoquinazolines as potential inhibitors of adenosine kinase
Dr. Tasic Ljubica, University of Campinas, Brazil

Coffee Break 15:15-15:25 - Foyer

15:25-15:45 Title: Molecular evolution of pathogenic bacteria based on rrsA gene
Dr. Smita C Pawar, Osmania University, India

15:45-16:05 Title: Effect of temperature up-shift and pH down-shift on fermentation and metabolic characteristics in view of gene expressions in Escherichia coli
Dr. Chowdhury Mohammad Monirul Hasan, University of Chittagong, Bangladesh

16:05-16:25 Title: Development of a rapid and sensitive method for assessing endotoxin by using LAL-conjugated-microbeads
Chihiro Toda, University of Tsukuba, Japan

16:25-16:45 Title: Homology modeling studies of human carbonic anhydrase VII, IX
Dr. Vivek Kumar U, Vagdevi College of Pharmacy, India

16:45-17:05 Title: Treatment of Landfill Leachate by Biological Aerated Filter (BAF)
Dr. Aysenur Ugurlu, Hacettepe University, Turkey

17:05-17:25 Title: Biological potentials and clinical applications of cordyceps: A frontier pharmacognosy
Dr. Shonkor Kumar Das, University of Fukui, Japan and Bangladesh Agricultural University, Bangladesh

17:25-17:45 Title: The mucosal immune response to plant-derived biopharmaceuticals
Dr. Kathleen L. Hefferon, Cornell University, USA

Dinner - Salon B Sponsored by: Journal of Bioremediation & Biodegradation 19:40-20:30
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:50-13:10</td>
<td>Title: Adipose tissue-derived mesenchymal stem cells pre-treated with natural molecules for vascular cell therapy</td>
<td>Dr. Francesca Bianchi, University of Bologna, Italy</td>
<td></td>
</tr>
<tr>
<td>13:10-13:30</td>
<td>Title: Stem cell transplantation for inherited factor VIII deficiency</td>
<td>Dr. Neelam Yadav, Dr. R.M.L. Avadh University, India</td>
<td></td>
</tr>
<tr>
<td>13:30-13:50</td>
<td>Title: Nanoparticles and the immune system</td>
<td>Dr. Gampa Vijaya Kumar, Vikas Institute of Pharmaceutical Sciences, India</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Poster Presentation</strong></td>
<td></td>
<td><strong>Sponsored by: Journal of Biosensors &amp; Bioelectronics</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Coffee Break 15:50-16:00</strong></td>
<td></td>
<td><strong>17:40-18:30</strong></td>
</tr>
<tr>
<td>Day 3</td>
<td><strong>Breakfast 07:30-08:00</strong></td>
<td></td>
<td><strong>Lunch 12:00-12:30</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Track 12: Tissue Science &amp; Engineering</strong></td>
<td></td>
<td><strong>Track 13: Food Processing &amp; Technology</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Track 14: OMICS Technologies</strong></td>
<td></td>
<td><strong>Track 15: Advances in Plant Biotechnology</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Track 17: Advances in Animal Biotechnology</strong></td>
<td></td>
<td><strong>Session Introduction - Salon G</strong></td>
</tr>
<tr>
<td>09:00-09:20</td>
<td>Title: The effect on the growth of Lactobacillus delbrueckii subsp. Bulgaricus when the extract is added of white crane Ganoderma Lucidum (Rhinacanthus nasutus L.) under different conditions</td>
<td>Dr. Ching Hui Chang, Industrial Technology Research Institute, Tainan</td>
<td></td>
</tr>
<tr>
<td>09:20-09:40</td>
<td>Title: Epigenetic and OMICS analyses for the expression control of secondary metabolism genes in Aspergillus oryzae</td>
<td>Dr. Hiroko Hagiwara, National Institute of Advanced Industrial Science and Technology, Japan</td>
<td></td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>Title: Optimized nano-structures that improve biocompatibility of dental implants</td>
<td>Dr. G. Steve Huang, National Chiao Tung University, Taiwan, ROC</td>
<td></td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Title: Neural tissue engineering strategies for cell replacement and axon regeneration</td>
<td>Dr. Kacy Cullen, University of Pennsylvania, USA</td>
<td></td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Title: Epigenetic and OMICS analyses for the expression control of secondary metabolism genes in Aspergillus oryzae</td>
<td>Dr. Hiroko Hagiwara, National Institute of Advanced Industrial Science and Technology, Japan</td>
<td></td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Title: Investigation on protective effect of glycomacropeptide against dental erosion using scanning electron microscopy</td>
<td>Dr. Anita Setarehnejad, University of Wales Institute Cardiff, UK</td>
<td></td>
</tr>
<tr>
<td>11:00-11:20</td>
<td>Title: Enhanced shelf life of banana cultivar mysore kadali using a novel magic gas 1-methylcyclopropene</td>
<td>Dr. Komal Mathur, Amity University, India</td>
<td></td>
</tr>
</tbody>
</table>