

Wednesday, June 18, 2014

## Global Biotechnology Congress 2014

June 16<sup>th</sup> – 19<sup>th</sup>, 2014, John B. Hynes Memorial Convention Center, Boston, USA

[www.globalbiotechcongress.com](http://www.globalbiotechcongress.com)

### POSTER PRESENTATIONS

LOCATION: Poster and Exhibition Area

POSTER BOARD DISPLAY TIME: 9:00 – 5:00 pm

POSTERS SESSION: 12:00 – 2:00 pm

#### Wing 1

#### Wing 2

Poster Board Reference Number	Presenter's Name	Poster Board Reference Number	Presenter's Name
GBC-P# 1	<b>Ruta Navakauskiene</b> The Chromatin Remodeling Agent Bml-210 Suppresses Proliferation and Induces Apoptosis in Human Myeloid Leukemia Cells	GBC-P# 26	<b>Yueting Shao</b> Methylmercury Induced Region-specific Protein Changes in The Marmoset Monkey Brain
GBC-P# 2	<b>Grazina Treigyte</b> Proteomic Profile of the Dandelion ( <i>Taraxacum Officinale</i> ) Pollen	GBC-P# 27	<b>Mriko Era</b> Study on Antifungal Fatty Acid Potassium against Dermatophytosis
GBC-P# 3	<b>Licheng Peng</b> Simulation of <i>Neochloris oleoabundans</i> Cell Growth at Different Source Light Intensities and Photobioreactor Diameters	GBC-P# 28	<b>Yoshiaki Morinaga</b> The Effect of Fatty Acid Salt for Baking Property of Wheat Flour Dough
GBC-P# 4	<b>Jieun Choi</b> Thrombolytic, Anticoagulant Activities of Protocatechuic Acid and Derivative Compounds Isolated from <i>Pinus Densiflora</i>	GBC-P# 29	<b>Shiho Sakai</b> Biological Control of Mold Spore by Fatty Acid Salts
GBC-P# 5	<b>Kamrun Nahar</b> Urea Fertilization: Effects on Growth, Nutrient Uptake and Root Development of the Biodiesel Plant, Castor bean ( <i>Ricinus Communis L.</i> )	GBC-P# 30	<b>Manami Masuda</b> The Antibacterial Effects of Fatty Acid Salts on Oral Bacteria
GBC-P# 6	<b>Amir Sobhani Eraghi</b> The Long Term Effects of Radioactive Phosphorous Synoviorthesis on Hemophilic Arthropathy	GBC-P# 31	<b>Yui Okuno</b> The Effects of Fatty Acid Potassium on <i>Cladosporium cladosprioides</i>

<b>GBC-P# 7</b>	<b>Wei X. Cai</b> In Vivo Heterotopic Bone Formation Around A Peripheral Vessel Bundle Using Different Ratios of Rbmp-2 and Tg-Vegf In A Fibrin Matrix	<b>GBC-P# 32</b>	<b>Saki Mikai</b> The Optimum Condition for Enzyme Production in Liquid Culture of <i>Aspergillus kawachii</i>
<b>GBC-P# 8</b>	<b>Seongsim Kim</b> Development of PVYO Resistance Transgenic Potatoes by Mhd Motif Engineering In Solanum Tuberosum	<b>GBC-P# 33</b>	<b>Cai-Wu Luo</b> Novel synthesis of Pyridine and 3-picoline from Glycerol and Ammonia over Alkaline-Acid Sequent-Treated Zeolite Catalysts in Series-Connected Two-Stage Fixed-Fed Reactor
<b>GBC-P# 9</b>	<b>Hakjoon Choi</b> Antihypertension Effects of Protocatechuic acid and Derivative Compounds Isolated from Pinus Densiflora	<b>GBC-P# 34</b>	<b>Liang-Yi Sung</b> Visualizing and Developing Contemporary Bioremediation Technologies
<b>GBC-P# 10</b>	<b>Dabin Choi</b> Antihypertensive Activity of Compounds Isolated from Needles of Pinus Densiflora	<b>GBC-P# 35</b>	<b>Jimoh M. Abiola</b> The Antibacterial Activity of Ethanolic Leaf Extracts of Six Senna Species
<b>GBC-P# 11</b>	<b>Orr Schlesinger</b> Site Specific Wiring of Redox Enzymes for their Use in Biofuel Cells	<b>GBC-P# 36</b>	<b>Philip H. Montenegro</b> Football Related Concussions & Neurobehavioral Impairment: What is the Relationship?
<b>GBC-P# 12</b>	<b>Alon Szczupak</b> Engineering of Microorganisms for Full Fuel Oxidation in Hybrid Biofuel Cells	<b>GBC-P# 37</b>	<b>Milena S. Lopes</b> Application of Biopolymers in Biomedical Devices: Advances in Biomaterials and Fabrication Methods
<b>GBC-P# 13</b>	<b>Aleksandr K. Mitin</b> The Hydrodynamic Performance and Efficiently of the Immobilized Biocatalyst for the Air Purification in the Biotrickling Filter	<b>GBC-P# 38</b>	<b>Rie Karasawa</b> Novel Roles for Peroxiredoxin2 as Target Antigens for Anti-Endothelial Cell Antibodies
<b>GBC-P# 14</b>	<b>Sara Carpi</b> Survivin-Directed Molecular Beacon as Potential Theranostic Agent in Melanoma Cells	<b>GBC-P# 39</b>	<b>Dongkyu Lee</b> High Efficiency Sorting System to Assess Arsenic Trioxide (As <sub>2</sub> O <sub>3</sub> ) Induced Apoptosis
<b>GBC-P# 15</b>	<b>Alia N. Omran</b> Syrian Honeybee Venom - Isolation of Its Major Components and Its Toxic-Pharmacological-Potential	<b>GBC-P# 40</b>	<b>Mateusz Tataruch</b> Application Studies on Synthesis of Enantiopure Alcohols by Ethylbenzene Dehydrogenase
<b>GBC-P# 16</b>	<b>Erison V. Gomes</b> Analysis of epl-1 Gene Function in Expression of Genes Associated with Trichoderma harzianum Mycoparasitism Process against Sclerotinia Sclerotiorum	<b>GBC-P# 41</b>	<b>Şule Arı</b> Chaetocin, New Warrior of Dedifferentiation
<b>GBC-P# 17</b>	<b>Xiangting C. Chen</b> Phytoremediation Potential of Elateriospermum Tapos Blume in Bioretention Systems	<b>GBC-P# 42</b>	<b>Jian Xie</b> Connection between Zinc, Hedgehog Signaling and Autism

<b>GBC-P# 18</b>	<b>Yu-Long Sun</b> Native Tendon Slices Used as the Tissue Engineered Scaffold for Ligament Repair	<b>GBC-P# 43</b>	<b>Jae-Jin Shim</b> Graphene Oxide-Based Biopolymer Composites Synthesized In Supercritical Co2 and Their Adsorption Behavior
<b>GBC-P# 19</b>	<b>Marina Basaglia</b> Robust Yeast for the Production of Bioethanol from Steam-Exploded Sugarcane Bagasse	<b>GBC-P# 44</b>	<b>Sabrina Metairon</b> Determination of Ca And Fe in Blood Of Grmd Dog Submitted to a Systemic Transplantation of Stromal Cells (Hasc) Using Naa and Frx Techniques
<b>GBC-P# 20</b>	<b>Sergio Casella</b> Reduction of Cell Lysate Viscosity by Cloning <i>Staphylococcus aureus</i> Nuclease Gene in Plyhydroxyalkanoates Producing Bacteria	<b>GBC-P# 45</b>	<b>Lars Freund</b> Opportunities in the Cultivation of Non-Sporulating Filamentous Fungi By Morphology Control
<b>GBC-P# 21</b>	<b>Woong Kim</b> Antioxidant Activity of Protocatechuic Acid from Pinus Densiflora and Derivatives	<b>GBC-P# 46</b>	<b>Kai-Chee Loh</b> Co-culture in Immobilized-Cell Hollow Fiber Membrane Bioreactor for Effective Bioethanol Production on Glucose and Xylose
<b>GBC-P# 22</b>	<b>Wei Chang</b> Development of A Novel Structured Nanofibrous Nerve Guidance Conduit for Nerve Regeneration	<b>GBC-P# 47</b>	<b>Samuel Anyanwu</b> Detection of HIV Proteins in Urinary Exosomes
<b>GBC-P# 23</b>	<b>Paul Lee</b> Novel Structured Biodegradable Osteochondral Scaffold for Articular Cartilage Repair	<b>GBC-P# 48</b>	<b>Zaynab Jaber</b> Development of Novel Nanoparticle Formulations of The Retinoid St1926 In Colorectal Cancer
<b>GBC-P# 24</b>	<b>Jen-Chun Kuan</b> Association between DNA Methylation Status and Clinical Cancer Stage in 3 Tumor Suppressor Genes: Implication for Risk of Colorectal Cancer Recurrence	<b>GBC-P# 49</b>	<b>Jose A.S. Goncalves</b> Mass Transfer Analysis of a Distillation Column Sieve Tray using Computational Fluid Dynamics
<b>GBC-P# 25</b>	<b>Mark I. Mosevitsky</b> Bound to Neurons Extracellular Exo- and Endo-Metallopeptidases; Engineering of Protected Therapeutic Peptides	<b>GBC-P# 50</b>	<b>Jaewook Ryu</b> Development of Biocatalytic Film Carrying Recombinant Pseudomonas fluorescens As a Whole Cell Catalyst

Thursday, June 19, 2014

# POSTER PRESENTATIONS

LOCATION: Poster and Exhibition Area

POSTER BOARD DISPLAY TIME: 9:00 – 2:00 pm

POSTERS SESSION: 12:00 – 2:00 pm

Wing 1		Wing 2	
Poster Board Reference Number	Presenter's Name	Poster Board Reference Number	Presenter's Name
GBC-P# 51	<b>Rana Ghaznavi</b> Anti-Oxidative And Anti-Inflammatory Effects of Exercise And Dietary Restriction In Lead-Treated Rats	GBC-P# 73	<b>Heba H. Abouseada</b> Development of Stored Insect Free Wheat ( <i>Triticum aestivum</i> L.) via Engineered Metabolome
GBC-P# 52	<b>Mihee Lee</b> Relationship between Pulse Wave Velocity, Metabolic Syndrome And Framingham Risk Score in Korean	GBC-P# 74	<b>Yuehui She</b> Microbial Diversities and Potential Application of Enhanced Oil Recovery in a Low Temperature Heavy Oil Reservoir
GBC-P# 53	<b>Anna E. Dąbrowska</b> Stability of <i>Yarrowia lipolytica</i> Hydrolases During Storage	GBC-P# 75	<b>Hilla Ben-Hamo</b> Natural Quorum Sensing Inhibitors from Previously Uncultured Marine Bacteria
GBC-P# 54	<b>Anna E. Dąbrowska</b> Production of <i>Gallus gallus</i> vitellogenin II- Derived Protein (YGP40) in Prokaryotic Expression System	GBC-P# 76	<b>Yuqing Zhang</b> Processing of a Novel Electropolymerized Silk Fibroin Hydrogel Membrane and Its Characterization
GBC-P# 55	<b>Marek M. Szoltysik</b> The Effect Of Storage Conditions On The Stability of Biological Activity of Milk Protein Hydrolysates	GBC-P# 77	<b>Hua Wang</b> Characterization of CagQ in Cag Pathogenicity Island of <i>Helicobacter pylori</i>
GBC-P# 56	<b>Marek M. Szoltysik</b> The Degradation Of Milk Protein And Fat With The Use of <i>Yarrowia Lipolytica</i> Hydrolases	GBC-P# 78	<b>Shihe Shao</b> Expression of CagP from <i>Helicobacter pylori</i> and Preliminary Study of its Biological Function
GBC-P# 57	<b>Barbara Zarowska</b> The High Structure Conservation Of Autonomous Linear Plasmids Isolated From <i>Debaryomyces hansenii</i> Yeast Strains	GBC-P# 79	<b>Ji Xiuling</b> Isolation and cCharacterization of a <i>Bacillus cereus</i> Cold-Active Bacteriophage
GBC-P# 58	<b>Barbara Zarowska</b> The Production Of <i>Debaryomyces hansenii</i> killer Toxins On Industrial Scale	GBC-P# 80	<b>Wafa'a Abdelrhman Altaisan</b> Influence of Salicylic Acid and Potassium Nitrate on Growth, Osmolytes and Physiological Activities of Salt and Drought-Stressed Barley ( <i>Hordeum vulgare</i> )

<b>GBC-P# 59</b>	<b>Rania A. Khattab</b> Incidence of Postoperative Endophthalmitis And The Potential Of Marine Sponges As New Sources Of Antibiotics In Egypt	<b>GBC-P# 81</b>	<b>Jihane R. Mounsef</b> Optimisation of Bacillus Thuringiensis Kurstaki Production In A Cereal Milling By Product Monocomponent Medium
<b>GBC-P# 60</b>	<b>Hossein Salehizadeh</b> Environmental Friendly Processes For Heavy Oil Upgrading in 21 <sup>st</sup> Century	<b>GBC-P# 82</b>	<b>Kalpana Sengar</b> Effect of Different Phytohormone Regime and pH on Micro Propagation of Three Sugarcane Verities
<b>GBC-P# 61</b>	<b>Wei Chang</b> 3D Imaging of Native and Regenerative Nerves Using Focused Ion Beam SEM	<b>GBC-P# 83</b>	<b>Kalpana Sengar</b> Morpho-Biophysiochemical Assessment of Salinity Tolerance in Sugarcane
<b>GBC-P# 62</b>	<b>Samina Khan</b> Screening and Isolation of <i>Aspergillus</i> Species for Hyper-Production of Polygalacturonases	<b>GBC-P# 84</b>	<b>Yi-Hsuan Chou</b> Unsupervised Cell Segmentation Using Statistical Active Contour Model
<b>GBC-P# 63</b>	<b>Hala F.M. Kamel</b> Modulation of P-glycoprotein, cytochrome P450, and glutathione-S-transferase by emodin in multidrug resistance human cancer cells	<b>GBC-P# 85</b>	<b>Seyed J. Ashrafi</b> Effect Of Five Acids Toward The Controlling Aspect Ratio Of Gold Nanorods In Seeded Growth Methods Synthesis
<b>GBC-P# 64</b>	<b>Qingwei Zhou</b> Gene Therapy In A Mouse Tumor Model Of Breast Cancer By si-RNA-Mediated Down-Regulation Of STAT3	<b>GBC-P# 86</b>	<b>Mohamed El Ayeb</b> PIVL, A New serine Protease Inhibitor from <i>Macrovipera lebetina transmediterranea</i> Venom, Impairs Motility of Human Glioblastoma Cells.
<b>GBC-P# 65</b>	<b>Qingwei Zhou</b> Effects of Zhichan Powder On Signal Transduction And Apoptosis-Associated Gene Expression In The Substantianigra Of Parkinson's Disease Rats	<b>GBC-P# 87</b>	<b>Mohamed El Ayeb</b> Preclinical Assessment for Scorpion Toxin-Specific Nanobody Efficacy to Neutralize and Protect Against Scorpion Envenoming
<b>GBC-P# 66</b>	<b>Charles A. Sanchez</b> Enhanced Phosphorus Use Efficiency in AVP-OX Romaine Lettuce	<b>GBC-P# 88</b>	<b>Mohamed El Ayeb</b> Subtype-selective Activation of K(v)7 Channels by AaTXK $\beta_{2-64}$ , a Novel Toxin Variant from the Androctonus australis Scorpion Venom.
<b>GBC-P# 67</b>	<b>Sung-Rae Cho</b> Physical Exercise and Enriched Environment Enhance Neuroactive Gene Expression and Synaptic Plasticity in Adult Brain	<b>GBC-P# 89</b>	<b>Tamara V. Shushpanova</b> New Original Anticonvulsant Alters The Properties of Benzodiazepine Receptors "Central" And "Peripheral" Types in Brain Cortex of "Heavy Drink" Rats
<b>GBC-P# 68</b>	<b>Weilan Shao</b> Production and Application of Thermostable Laccase and Xylanase in Pulp Biobleaching	<b>GBC-P# 90</b>	<b>Basak Daylan</b> The Optimization of Dilute Acid and Steam-Explosion Pretreatment and Enzymatic Hydrolysis to Increase Bioethanol Yield from Turkish Wheat Straw and Corn Stover

<b>GBC-P# 69</b>	<b>Mahmoud Mansour</b> Possible Role of Carfilzomib in the Prevention and Treatment of Chemically Induced Liver Cancer in Rats	<b>GBC-P# 91</b>	<b>Silvana P. Val-Moraes</b> Screening of Novel Fungus Isolated the Soil Contaminated Automotive Lubricants for Hydrocarbon Degradation Potential
<b>GBC-P# 70</b>	<b>Mandakini Das</b> P16 Hypermethylation: A Biomarker For Esophageal Cancer in North East India	<b>GBC-P# 92</b>	<b>Vinicius M. Goulart</b> Effect of Simulated Hypergravity on the Germination of <i>Ocimum basilicum</i> L.
<b>GBC-P# 71</b>	<b>Kasim S. Abass</b> A Method for Fast Assessment of OP/CB Exposure in the Japanese Quail ( <i>Coturnix coturnix japonica</i> ) Using Combined Esterases Enzyme Activity as Biomarkers	<b>GBC-P# 93</b>	<b>Wen Xie</b> Epilepsy and its Treamnet
<b>GBC-P# 72</b>	<b>Mohd. Hassan AL-Akhras (AL-Omari)</b> Continuous and Delayed Photohemolysis Sensitized With Methylene Blue And Iron Oxide Nanoparticles (Fe <sub>3</sub> O <sub>4</sub> )	<b>GBC-P# 94</b>	<b>Alan Smith</b> Fight with Alzheimer