Moderator

Thank You for supporting Ecology Ecosystems 2017

Francois-Etienne Sylvain
Laval University, Canada
Day 1        September 18, 2017

08:30-09:00 Registrations

Conference Hall

09:00-09:30 Opening Ceremony

Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution / Location</th>
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<tbody>
<tr>
<td>09:30-10:10</td>
<td>Cautionary tales from the microbiome: Finding what is real and reproducible</td>
<td>Gregory B Gloor, University of Western Ontario, Canada</td>
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<tr>
<td>10:10-10:50</td>
<td>A road map to finding microbiomes that most contribute to plant and soil health</td>
<td>George Lazarovits, A&amp;L Biologicals, Canada</td>
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Panel Discussion & Group Photo

Workshop

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<th>Time</th>
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<tbody>
<tr>
<td>11:50-12:20</td>
<td>Analyzing 'omics data using compositional data analysis</td>
<td>Gregory B Gloor, University of Western Ontario, Canada</td>
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</tbody>
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Sessions:
- Microbial Ecology
- Soil Microbiology
- Microbial Genetics
- Plant- Microbe Interaction

Session Chair: Lars Mogren, Swedish University of Agricultural Sciences, Sweden
Session Co-chair: Shimaila Ali, A&L Biologicals, Canada

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<tr>
<td>12:20-12:50</td>
<td>Identification of the relationship between chemical and biological factors impacting corn productivity</td>
<td>Saveetha Kandasamy, A&amp;L Biologicals, Canada</td>
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</tbody>
</table>

Panel Discussion

Lunch Break 13:20-14:00

14:00-14:30 Title: Microbial biodiversity in Brazilian semiarid
Fernanda Matias, Rural Semiarid Federal University, Brazil

14:30-15:00 Title: Safe salad–Is it possible to produce safe baby leaves?
Lars Mogren, Swedish University of Agricultural Sciences, Sweden

Sessions:
- Environmental Microbiology
- Agroecology
- Microbial Symbiosis

Session Chair: Lars Mogren, Swedish University of Agricultural Sciences, Sweden
Session Co-chair: Shimaila Ali, A&L Biologicals, Canada

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<tr>
<td>15:00-15:30</td>
<td>Secondary metabolites with pesticide activity from plant pathogenic</td>
<td>Kumudini M Meepagala, USDA-ARS, USA</td>
<td></td>
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<tr>
<td>15:30-16:00</td>
<td>Diel cycle of the tropical air microbiome</td>
<td>Elena S Gusareva, Singapore Centre for Environmental Life Sciences Engineering (SCELSE), Singapore</td>
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</tbody>
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Panel Discussion

Networking & Refreshment Break 16:00-16:20
Title: *In vitro* co-culture of commensal *Escherichia coli* strains enhances Stx2a production by the German *E. coli* O104:H4 outbreak strain
Yongxiang Zhang, National Microbiology Laboratory at Lethbridge, Canada

Title: Prospect of biofuel in Bangladesh: Bioethanol and biodiesel production at local condition
Mohidus Samad Khan, Bangladesh University of Engineering and Technology, Bangladesh

Title: Cattle Jaguar (*Panthera onca*) attack distribution in Miranda, Pantanal
Julio Souza, Federal University of Paraná, Brazil

Panel Discussion

Day 2  September 19, 2017
Conference Hall

Keynote Forum

09:30-10:10  Title: Biotreatment of textile wastewater with continuous biofilter solutions and the associated microflora
Jorgen Forss, Linnaeus University, Sweden

10:10-10:50  Title: The ecology of tree intercropping systems in southern Ontario, Canada
Andrew M Gordon, University of Guelph, Canada

Panel Discussion

Networking & Refreshment Break 10:50-11:10

Special Session

11:10-11:40  Title: Reference-free shotgun metagenomics for the microbial ecologist
Nikolaj Sørensen, Clinical-Microbiomics, Denmark

Sessions:
Biodiversity | Ecology | Ecosystems | Antimicrobials | Forest Microbiology | Microbial Biofilms
Session Chair: Carole Ayoub Moubareck, Zayed University, United Arab Emirates
Session Co-chair: Bibiana Coppotelli, Centro de Investigación y Desarrollo en Fermentaciones Industriales, Argentina

11:40-12:10  Title: Exploring the gut microbiota of Lebanese preterm infants with or without necrotizing *enterocolitis*
Carole Ayoub Moubareck, Zayed University, United Arab Emirates

12:10-12:40  Title: Effects of bacterial inoculants on soil microbiomes and biodegradation in hydrocarbon contaminated soils
Bibiana Coppotelli, Centro de Investigación y Desarrollo en Fermentaciones Industriales, Argentina

12:40-13:10  Title: Pantanal bird species and their distribution in the Americas
Julio Souza, Federal University of Paraná, Brazil

Panel Discussion

Lunch Break 13:10-14:00

14:00-14:30  Title: In-situ regeneration of carbon based injectants with endemic biofilms
Dennis Owens, Sustainable Water Technology, Canada

14:30-15:00  Title: Is offsetting a feasible way to mitigate impacts of coastal reclamation on biodiversity?
Shuling Yu, Normal University, China

15:00-15:30  Title: Effect of varietal feeding on larval duration and cocoon parameters of six strains of eri silkworm *Samia ricini* Donovan in Nagaland, India
LN Kakati, Nagaland University, India

15:30-16:00  Title: Shifting paradigms in coastal restoration: Six decades’ lessons from China
Zezheng Liu, Normal University, China

Panel Discussion

Networking & Refreshment Break 16:00-16:20
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<tr>
<td>16:20-16:50</td>
<td>Insight into the diversity of soil fungi in Changbai mountain by high-throughput sequencing</td>
<td>Guozhong Lyu</td>
<td>Dalian Nationalities University, China</td>
</tr>
<tr>
<td>16:50-17:20</td>
<td>Large variations of salinity and dissolved oxygen and their effects on macrobenthic communities in Lake Siwha, the west coast of Korea</td>
<td>Bon Joo koo</td>
<td>Korea Institute of Ocean Science &amp; Technology, South Korea</td>
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<td>17:20-17:50</td>
<td>Hexavalent chromium induces testicular dysfunction in small Indian mongoose (Herpestes javanicus) inhabiting tanneries areas of Kasur District, Pakistan</td>
<td>Shaista Andleeb</td>
<td>Shah-Arid Agriculture University, Pakistan</td>
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<td>17:50-18:20</td>
<td>Diversity dynamics of cotton infecting Begomovirus, a serious threat emerged due to assorted Agro-climate of Pakistan</td>
<td>Muhammad Javed Iqbal</td>
<td>University of the Punjab, Pakistan</td>
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### Poster Sessions @ 15:30-16:30

**Poster Judge:** Jorgen Forss, Linnaeus University, Sweden

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<thead>
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<th>Poster</th>
<th>Title</th>
<th>Author</th>
<th>Institution/University</th>
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<tr>
<td>P 01</td>
<td>Efficiency of using seaweed extracts under varying levels of N-P-K on growth, yield and quality of sweet potato (Ipomoea batatas L.)</td>
<td>Amira Abd El Hamid Helaly Ali</td>
<td>Alexandria University, Egypt</td>
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<td>P 02</td>
<td>The adaptation of the bacterial plant pathogen Pseudomonas syringae onto a novel host through experimental evolution</td>
<td>Andrew Jamnik</td>
<td>University of Toronto, Canada</td>
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<tr>
<td>P 03</td>
<td>Antagonism of Pseudomonas sp. EMM-1 and its potential as biocontrol agent</td>
<td>Catherine Cesa-Luna</td>
<td>Benemerita Universidad Autonoma de Puebla, Mexico</td>
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<tr>
<td>P 04</td>
<td>Inhibition activity of probiotics supernatants against the cariogenic Streptococcus mutans</td>
<td>Maria del Pilar Angarita Diaz</td>
<td>Universidad Cooperativa de Colombia, Colombia</td>
</tr>
<tr>
<td>P 05</td>
<td>Facultative anaerobic bacteria and their relationship to the characteristics of gutta-percha cones</td>
<td>Maria del Pilar Angarita Diaz</td>
<td>Universidad Cooperativa de Colombia, Colombia</td>
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<tr>
<td>P 06</td>
<td>Cultural ecosystem services of different landscapes in Ugam Chotqol National Park</td>
<td>Madina Bekchanova</td>
<td>Wageningen University (WUR), Netherlands</td>
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<td>P 07</td>
<td>Effect of different weed management practices on growth and yield of brinjal</td>
<td>Summet Singh</td>
<td>Punjab Agricultural University, India</td>
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<tr>
<td>P 08</td>
<td>Effect of biofertilizers on nutrient uptake and quality attributes in onion</td>
<td>Dilpreet Talwar</td>
<td>Punjab Agricultural University, India</td>
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<tr>
<td>P 09</td>
<td>Effect of biofertilizers on microbial count in soil, growth and yield attributes of rainy season tomato</td>
<td>Barinderpal Singh</td>
<td>Punjab Agricultural University, India</td>
</tr>
<tr>
<td>P 10</td>
<td>Micro-irrigation: Technology for efficient use of water In vegetable cultivation - A review</td>
<td>Kamalpreet Kaur</td>
<td>Punjab Agricultural University, India</td>
</tr>
<tr>
<td>P 11</td>
<td>Local uses and management of spices, condiments and non-edible oil crops</td>
<td>Zufan Nigusu</td>
<td>Addis Ababa University, UAE</td>
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<tr>
<td>P 12</td>
<td>Soil salinization and water quality degradation in Bukhara region, Uzbekistan</td>
<td>Mirkhon Asadov</td>
<td>NGO Ecoinvest, Uzbekistan</td>
</tr>
<tr>
<td>P 13</td>
<td>Antifungal activity of essential oil from Artemisia campestris L on fungal species development</td>
<td>Khalidi A</td>
<td>University of Bechar, Algeria</td>
</tr>
<tr>
<td>P 14</td>
<td>Antimicrobial activity of Oliveria decumbens Vent. extract against isolated microbes from the environment</td>
<td>Batool Sadeghi-Nejad</td>
<td>Abadan School of Medical Sciences, Iran</td>
</tr>
<tr>
<td>P 15</td>
<td>Antimicrobial activity of Zataria multiflora extract on Candida species isolated from environment</td>
<td>Nasrin Amir Rajab</td>
<td>Jundishapur University of Medical Sciences, Iran</td>
</tr>
<tr>
<td>P 16</td>
<td>Population structure and genetic diversity of an endangered and endemic Moroccan tree (Argania spinosa L. Skeels) based on AFLP and IRAP markers</td>
<td>Ouafae Pakhrou</td>
<td>Mohammed V University, Morocco</td>
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</table>
Panel Discussion

Day 3  September 20, 2017
Conference Hall
Young Researchers Forum

10:00-10:20  Title: Immobilization of murine noroviruses in a cultivated phaeozem soil and its reversibility
Vincent Tesson, INRA, France

10:20-10:40  Title: Bacillus megaterium: A potential swimmer and an efficient bio-degrader of an organophosphorus pesticide
Shweta Nistala, Pt. Ravishankar Shukla University, India

Panel Discussion
Networking & Refreshment Break 10:40-11:00

11:00-11:20  Title: You are what you eat: Get mature faster by foraging on your parents, the discus fish example
Francois-Etienne Sylvain, Laval University, Canada

11:20-11:40  Title: Biodiversity monitoring in Sno valley (Georgia, Caucasus)
Eter Abulidze, Ilia State University, Georgia

11:40-12:00  Title: Monoclonal and polyclonal antibodies directed toward Tsukamurella pulmonis polysaccharide
Adnan Saeed, Ludwik Hirszfeld Institute of Immunology and Experimental Therapy, Poland

Panel Discussion
Closing and Award ceremony

Lunch Break 12:30-13:15