International Conference on
Advances in Biotechnology
July 10-12, 2017 Dubai, UAE
Scientific Program

Conference Secretariat
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# Scientific Program

## Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>10:00–10:30</td>
<td>Muhammad Shah Mukhtar</td>
<td>American University of Ras Al Khaimah, UAE</td>
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<tr>
<td>10:30–11:00</td>
<td>Martin Mandl</td>
<td>Masaryk University, Czech Republic</td>
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<tr>
<td>11:15–11:45</td>
<td>Abdul Gafoor Puthiaveetil</td>
<td>American University of Ras Al Khaimah, UAE</td>
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### Refreshments Break 11:00–11:15

## Scientific Sessions

### The biochemical and molecular basis of succinate mediated (catabolite) repression of mineral phosphate solubilization in nitrogen fixing Klebsiella pneumoniae

- **Shalini Rajkumar**, Nirma University, India

### Identification and characterization of a novel type III polyketide synthase from Aegle marmelos Correa: A step towards metabolic engineering

- **EV Soniya**, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala, India

### Targeting Plasminogen Activator Inhibitor-1 in thrombosis using 16K fragment of human prolactin

- **Khalid Bajou**, University of Sharjah, United Arab Emirates

### Cloning and characterization of thermostable GroEL/GroES homologues from Geobacillus thermopakistaniensis and their applications in protein folding

- **Naeem Rashid**, University of the Punjab, Pakistan

### Proteins and fatty acids content analysis of Enteromorpha intestinalis and Hormophysa cuneiformis from the Red Sea coast, Sudan

- **Safinaz Mostafa Mohamed Khogali**, University of Khartoum, Sudan

### Semi-Automatic Algorithm for Alpha Angle Measurement in Ultrasound Developmental Dysplasia of the Hip (DDH) Images

- **Areen Al-Bashir**, Jordan University of Science and Technology, Irbid 22110, Jordan

### Plant growth promoting properties of endophytic bacteria isolated from in vitro cultures of peach and pear rootstocks

- **Fakhra Liaqat**, Ege University, Turkey

### Refreshments Break 15:30–15:50

## Panel Discussion
## Keynote Forum

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<tr>
<td>10:00–10:30</td>
<td>Christoph Herwig</td>
<td>Vienna University of Technology</td>
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<tr>
<td>10:30–11:00</td>
<td>R Srinivasa Reddy</td>
<td>K L University, India</td>
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### Refreshments Break 11:00–11:15

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<tr>
<td>11:15–11:45</td>
<td>Ammani Kandru</td>
<td>Acharya Nagarjuna University, India</td>
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## Scientific Sessions

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<tr>
<td>11:45–12:10</td>
<td>Molecular typing of Mycobacterium tuberculosis causing pulmonary tuberculosis in Sudan</td>
<td>Fatima Abbas Khalid</td>
<td>University of Kassala, Sudan</td>
</tr>
<tr>
<td>12:10–12:35</td>
<td>Development of glyphosate-tolerant transgenic potato plants harboring the G2aroA gene</td>
<td>Arfan Ali</td>
<td>University of the Punjab, Pakistan</td>
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<tr>
<td>12:35–13:00</td>
<td>Micrografting technique for cloning Hashab [Acacia senegal (L.) Willd]: Effect of rootstock age, scion length, scion source, sucrose, and light duration</td>
<td>Ghada S. Altayeb</td>
<td>Agricultural Research Corporation, Sudan</td>
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### Lunch Break 13:00–14:00

### Poster Presentations 15:30–16:45

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<td>15:30–15:45</td>
<td>Baculovirus-mediated MIR-214 suppression shifts osteoporotic ASCS differentiation towards osteogenesis and improves osteoporotic bone defects repair</td>
<td>Yu-Chen Hu</td>
<td>National Tsing Hua University, Taiwan</td>
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<tr>
<td>15:45–16:00</td>
<td>Green synthesized silver nanoparticles (AgNP) of nano dimensions (1.5nm-15nm) eliminate bacterial and fungal contamination in tissue culture of Capparis decidua (FORSK.)</td>
<td>Jyoti Ahlawat</td>
<td>Maharishi Dayanand University Rohtak, India</td>
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<tr>
<td>16:00–16:15</td>
<td>Fungal diversity across conventional, oasis and organic farming systems in arid areas of Oman</td>
<td>Elham Ghasemi Kazerooni</td>
<td>Sultan Qaboos University, Oman</td>
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<tr>
<td>16:15–16:30</td>
<td>In silico Studies on structures of functional amyloids</td>
<td>Kush K. Mehta</td>
<td>Uka Tarsadia University, India</td>
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<tr>
<td>16:30–16:45</td>
<td>Generation of spring wheat mutation resource for improving yield- and grain quality traits</td>
<td>Saule Kenzhebayeva</td>
<td>Kazakh National University, Kazakhstan</td>
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### Panel Discussion

### Award Ceremony