Academy of Scientific Research & Technology

In Cooperation with

Arab Biotechnology Association

Federation of Arab Scientific Research Councils - Sudan

Organize

6th Annual International Arab Workshop on Biotechnology

Entitled:

Plant Genetic Resources: Conservation, Documentation and Better Utilization

Under the Auspices of

Prof. Dr. Sherif Hammad
Minister of Scientifc Research, Egypt

Prof. Mubarek Al Magzoub
Secretary General, Federation of Arab Scientific Research Councils

Prof. Mahmoud M. Sakr
President, Academy of Scientific Research and Technology

Prof. Ashraf Shaalan
President of National Research Center

National Research Center, Cairo, Egypt

24-25 August 2015

6th Annual International Arab Workshop on Biotechnology
Entitled:
Plant Genetic Resources: Conservation, Documentation & Better Utilization
National Research Center, Cairo, Egypt
24-25 August, 2015

Program

August 24, 2015	
08:30-10.00	**Registration**
10:00-10:30	**Opening Ceremony** **Prof. Nabila Abdel Maksoud** General Secretary of Workshop **Prof. Ashraf Shaalan** President of National Research Center **Prof. Mahmoud M. Sakr** President, Academy of Scientific Research and Technology **Prof. Mubarak Al Magzoub** Secretary General, Federation of Arab Scientific Research Councils
10:30-11:00	**Coffee Break**
Gene Banks	
Chair Persons: Prof. Hamdy A. Moursy, Prof. Hanaiya El Itriby, Prof. Naglaa Abdallah,	
11:00-11:45	The National Gene Bank of Egypt: An Overview **Prof. Hanaiya El Itriby** National Gene Bank, Ministry of Agriculture, Egypt
11:45-12:30	Gene bank Management and Seed Materials Reproduction **Prof. Andreas Börner** Leibniz Institute of Plant Genetics and Crop Plant Research (IPK Gatersleben), Germany
12:30-13:15	Egypt's Genetic Diversity in need to develop policies and processes to implement the multilateral system of access and benefit sharing under ITPGRFA / CBD / NP **Prof. Moustafa Mokhtar Fouda** Advisor, State Ministry of Environmental Affairs, Egypt
13:15-14:00	Applications of Barcoding in Plant Pathology: Identification, Phylogeny, and Comparative studies **Dr. Ahmed Hussien** Agriculture Research Centre, Central Administration of Plant Quarantine, Egypt
14:00-15:00	**Lunch**
Characterization and documentation of plant genetic resources	
Chair persons: Prof. Andreas Börner, Prof. Samy S. Adway, Dr. Helmy M. Youssef	
15:00-15:30	Advanced techniques for documentation and authentication of plant genetic resources

6th Annual International Arab Workshop on Biotechnology
Entitled:
Plant Genetic Resources: Conservation, Documentation & Better Utilization
National Research Center, Cairo, Egypt
24-25 August, 2015

Program

August 25, 2015	
09:00-10:00	**Registration**
Plant tissue culture I	
Chair persons: Prof. Mohamed R. Rady, Prof. Adel Hegazy, Prof. Hussein Taha	
10:00-10:15	Using of plant tissue culture technique for micropropagation and domestication of strawberry plant (*Fragaria ananassa*, Duch) **Dr. Hind E.M** Department of Plant tissue Culture, National Research Center, Sudan
10:30-10:45	Exploring the Liquid Nitrogen as Dormancy Braking Pre-Treatment **Dr. Mai M. A. Hassan** National Tree Seed Centre, Forest Research Centre, Agricultural Research Center, Sudan
10:45-11:00	Indole-3-butyric acid (IBA) effects in stem cuttings rootability of Acacia nilotica subsp. nilotica, and Peltophorum pterocarpum (DC.) Backer ex K. Heyne of the Family Fabaceae **Dr. Yahia Hamid Ali El Basheer** Forestry Research Centre, Sudan
11:00-11:30	**Coffee Break**
Plant tissue culture II	
Chair Persons: Prof. Mahmoud Nasr, Prof. Kamal El Bahr, Prof. Adel El Sawy	
11:30-11:50	Cactus cultivation under the organic farming system in the Jordan Badia **Dr. Mohamed El Fakeh** Biotechnology Research Program, Jordan
11:45-12:10	Evaluation of molasses–base media composition on the packing performance and growth kinetics of a locally isolated yeast strain Schizosaccharomyces pompe and an imported yeast strain: A comparative study **Dr. Hassan Beshir Elamin** National Center for Research, Sudan
12:10-12:30	One of the pioneer and unique cases in the field of biotechnology at the national level success stories **Prof. Mahmoud Imam Nasr** Emeritus Professor of Molecular Biology, Founder, Establisher & Ex-dean of Genetic Engineering and Biotechnology Research Institute, Sadat City University, Egypt

6th Annual International Arab Workshop on Biotechnology
Entitled:
Plant Genetic Resources: Conservation, Documentation & Better Utilization
National Research Center, Cairo, Egypt
24-25 August, 2015

Program

August 25, 2015	
12:30-12:50	In depth analysis of the whole genome using microarray approach **Dr. Youssef Soliman** Central Laboratory for Evaluation of Vet. Biologics (CLEVB), Egypt
13:00-14:00	**Lunch**
Medical Biotechnology	
Chair Persons: Prof. Nabila Abdel Maksoud, Prof. Fardos Soliman, Prof. Maha Saber	
14:00-14:20	**Nutritional Fact of Honey** **Prof. Ahmed G. Hegazi** Dept. of Microbiology and Immunology, National Research Center, Egypt
14:20-14:40	**Diabetes and nutrition** **Prof. Eitedal Daoud** Complementary Medicine Department, National Research Center, Egypt
14:40-15:00	**Hyperbaric oxygen therapy in Management of diabetic foot** **Dr. Magdy I. Al-Shourbagi** Sharm International Hospital, Egypt
15:00-15:20	**Dietary Management of Dyslipidemia** **Prof. Maha Mohmed Saber** Complementary Medicine Department, National Research Centre, Egypt.
15:20-15:40	**Nutritional Management of Iron Deficiency Anemia** **Prof. Hanan Said Ez-Elarab** Dept. of Public Health & Preventive Medicine, Ain Shams University, Egypt
16:00	**Closing Ceremony**