



Biotechnological solutions for food crises

Symposium **AGENDA**

Date 21 October 2023

9.00 pm to 9.30 pm

Registration & Reception

9.30 am to 10 .00 am

Opening Ceremony speech

Prof.Dr.Ayman Diab Dean of faculty of biotechnology.

10.00 am to 10.30 am

The importance of biotechnology in facing climate change and the challenges of food shortages.

Ass.Prof.Dr.Khaled Adly Mohamed Khaled

Ass.Professor of Genetics and Bioinformatics, Faculty of Agriculture Beni-Suef University

10.30 am to 11.00 am

Breakfast Break

11.0 pm to 11.30 pm

Role of tissue culture technology for production of important plants.

Professor Rania Abdel Ghaffar Taha Khalil

Professor of plant tissue culture National Research Institute.

- 11.30 pm to 12.00 pm **Determinants and prospects of African economic cooperation in the field of agricultural investment.**
Dr. Yousrey Elsharkawi
International Investment Consultant
Chairman of the board of directors of Egyptian African Businessmen's Association
- 12.00 pm to 12.30 pm **Light biostimulation advantages in agricultural crops and the challenges of food scarcity.**
Dr. Manar Hassan Mohamed Saleh
Assistant Professor of laser applications in plants
Department of Laser Application in Metrology ,
Photochemistry and Agriculture (LAMPA) , National
Institute of Laser Enhanced Sciences (NILES), Cairo
University.
- 12.30 pm to 1.00 pm **Trans fat elimination validation certificate.**
Afaf Ali Amin, prof. Of food safety and
microbiology/National nutrition institute, Advisor of
WHO.
- 1.00 am to 1.30 pm **Bioinformatics for enhancing the nutrient content of crops to address nutritional deficiencies.**
Ass.Prof.Dr.Khaled Adly Mohamed Khaled
Ass.Professor of Genetics and Bioinformatics, Faculty of
Agriculture Beni-Suef University.
- 2.00 am to 3.00 pm **Applications of nanotechnology in fertilization, pest control, and crop breeding in Egypt and the world.**

Ass.Prof.Dr.Saad Atia Moghannem * Ass.Prof. Said Goma**

*General Manager of Biotechnological research company

(Biota Egypt)

** Technical Support Manager (Biota Egypt)

3.30 am to 4.00 pm

Lunch

4.00 pm to 4.30 pm

Navigating Agriculture Genetics

Engineering; regulations, safety assessment and quality control.

Dr. Gihan Mohamed ElMoghazy

DVM- PhD

Professor of Food/Feed safety and contaminants.

Former director of Regional center for Food & Feed Agriculture Research Center.

4.30 pm to 5.00 pm

Plant tissue culture as sustainable biotechnology solution for food development.

Dr. Maha El-Abhar

Scientific Researcher, Agriculture Research Center

Member في Arab Union for Sustainable Development & Environment AUSDE

5.00 pm to 5.30 pm

Enhancement of growth and bioactive compounds in plants through laser and eCO₂ treatments

Dr. Galal Khamis

Ass. Prof. of laser applications in biotechnology. Department of Laser Applications in Meteorology, Photo-chemistry and Agriculture. National Institute of Laser Enhanced Sciences, Cairo University

5.30 pm to 6.00 pm

Closing



