

**Basic Information :**

**Name :** Amal Emad  
**Title :** Professor



Dr. Amal Ali, Professor of Microbiology; Head of Microbiology & Immunology Department; PhD. of Pharmaceutical Microbiology, Cairo University; M.Sc. of Pharmaceutical Microbiology, Cairo University; BSc of Pharmaceutical sciences, Cairo University.

**Education :**

Certificate	Major	University	Year
PhD	Pharmaceutical Microbiology	Cairo University	2006
Masters	Pharmaceutical Microbiology	Cairo University	2002
Bachelor	Pharmaceutical Sciences	Cairo University	1991

**Research :**

- Basil Essential Oil and its Nanoemulsion Mitigate Non Alcoholic Steatohepatitis in Rat Model with Special Reference to Gut Microbiota
- Complete genome sequence and 3 comparative analysis of two potential 4 probiotics Bacillus subtilis isolated from 5 honey and honeybee microbiomes
- Quorum quenching activity of Bacillus cereus isolate 30b confers antipathogenic effects in Pseudomonas aeruginosa
- Azoreductase activity of dye-decolorizing bacteria isolated from the human gut microbiota
- Optimization and enhancement of textile reactive Remazol black B decolorization and detoxification by environmentally isolated pH tolerant Pseudomonas aeruginosa KY284155
- Optimization of cellulase production by halobacillus sp. QLS 31 Isolated from lake qarun, Egypt.
- Utilization of crude Glycerol as a Substrate for the Production of Rhamnolipid by Pseudomonas aeruginosa
- Direct detection of Burkholderia cepacia in susceptible pharmaceutical products using seminested PCR
- Cerastes cerastes and Vipera lebetina Snake Venoms Apoptotic – Stimulating Activity to Human Breast Cancer Cells and Related Gene Modulation