Eastern Mediterranean Health Genomics & Biotechnology Network

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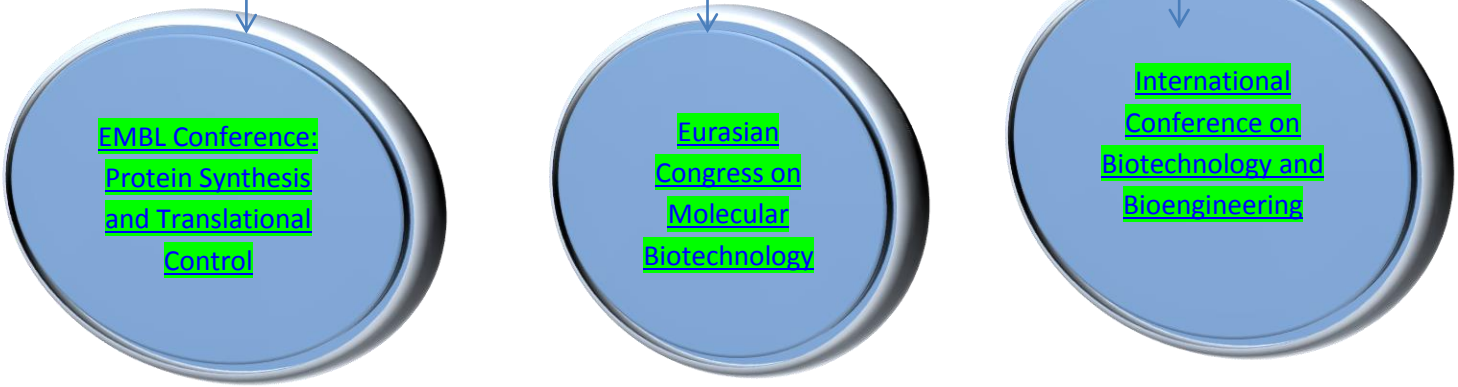
What have EMGEN countries achieved in the research areas?

No	Article	Link	Country
1	Status of insecticide resistance and its biochemical and molecular mechanisms in Anopheles stephensi (Diptera: Culicidae) from Afghanistan.	https://www.ncbi.nlm.nih.gov/pubmed/31349836	Afghanistan
2	Characterization of previously identified novel DNA fragment	https://www.ncbi.nlm.nih.gov/pubme	Bahrain

	associated with Pathogenicity Island III536 reveals new blaCTX-M gene.	d/31326627	
3	Assessing C reactive protein/albumin ratio as a new biomarker for polycystic ovary syndrome: a case-control study of women from Bahraini medical clinics.	https://www.ncbi.nlm.nih.gov/pubmed/30368447	Bahrain
4	Silencing of the cytokine receptor TNFRSF13B: A new therapeutic target for triple-negative breast cancer.	https://www.ncbi.nlm.nih.gov/pubmed/31400636	Egypt
5	Role of extracellular LncRNA-SNHG14/miRNA-3940-5p/NAP12 mRNA in colorectal cancer.	https://www.ncbi.nlm.nih.gov/pubmed/31397210	Egypt
6	Role of extracellular matrix remodeling gene SNPs in keratoconus.	https://www.ncbi.nlm.nih.gov/pubmed/31397194	Egypt
7	Caffeic Acid Modulates miR-636 Expression in Diabetic Nephropathy Rats.	https://www.ncbi.nlm.nih.gov/pubmed/31391719	Egypt
8	Corticolimbic analysis of microRNAs and protein expressions in scopolamine-induced memory loss under stress.	https://www.ncbi.nlm.nih.gov/pubmed/31400468	Iran
9	Inhibitory effects of selected antibiotics on the activities of α-amylase and α-glucosidase: In-vitro, in-vivo and theoretical studies.	https://www.ncbi.nlm.nih.gov/pubmed/31400388	Iran
10	Corrigendum to "Review on pathogenicity mechanism of enterotoxigenic Escherichia coli and vaccines against it" [Microb. Pathogen. 117 (2018)162-169].	https://www.ncbi.nlm.nih.gov/pubmed/31399269	Iran

11	Rationales for the Use of Cancer Stem Cells Markers in the Staging of Papillary Thyroid Carcinoma.	https://www.ncbi.nlm.nih.gov/pubmed/31341476	Iraq
12	Genetic Polymorphisms of Pharmacogenomic VIP Variants in the Circassian Subpopulation from Jordan.	https://www.ncbi.nlm.nih.gov/pubmed/31362667	Jordan
13	The effect of green tea consumption on the expression of antioxidant- and inflammation-related genes induced by nicotine.	https://www.ncbi.nlm.nih.gov/pubmed/31299899	Jordan
14	The epinephrine-induced PGE2 reduces Na+/K+ ATPase activity in Caco-2 cells via PKC, NF-κB and NO.	https://www.ncbi.nlm.nih.gov/pubmed/31393950	Lebanon
15	Intranigral Injection of Endotoxin Suppresses Proliferation of Hippocampal Progenitor Cells.	https://www.ncbi.nlm.nih.gov/pubmed/31333405	Lebanon

Conferences and Meetings on Biotechnology



New Findings

Bacteria made to mimic cells, form communities

Scientists have found a way to make single-celled bacteria behave like stem cells, differentiating into genetically unique individuals as they divide.

Novel strategy uncovers potential to control widespread soilborne pathogens

This study introduces a new strategy for identifying antagonistic bacteria, which can then be used to control important plant pathogens. These findings suggest that biological control of pathogens might be improved by combining different beneficial microorganisms and highlight novel strategies used to control widespread phytopathogenic fungi.

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