

Department of Biological and Environmental Sciences

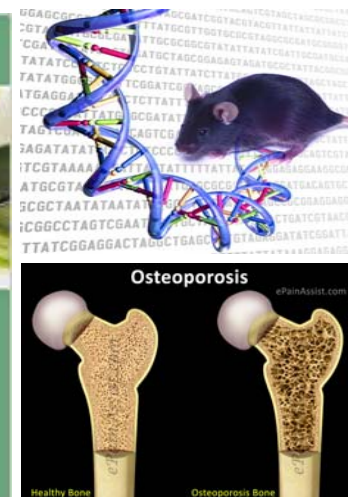
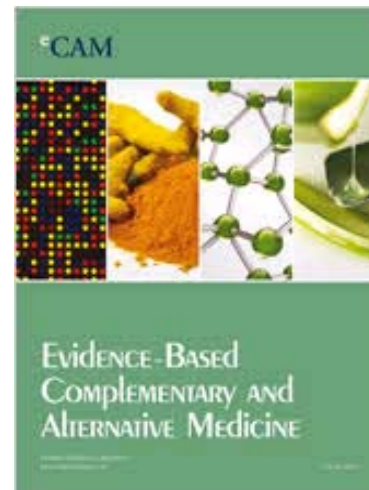
Research Interests

- Genomic, epigenomics, and signal transduction in cancer development
- Cancer chemoprevention
- Pathophysiology of cardiovascular diseases, vascular biology, and microvascular function
- Aging and musculoskeletal health, neural cell adhesion molecules in cancer

Research Projects

- Functional genomic studies of breast cancer and chemoprevention
- Chromatin remodeling in gene expression and cancer development
- Effect of Qatari medicinal plants extracts on cancer cells
- Nanoparticle-drug delivery systems in the treatment of cardiovascular diseases
- Mechanisms of heart remodeling under obese conditions
- Neural cell adhesion molecules in aging and musculoskeletal Health and in breast and prostate cancer

Collaborators



Members

- Pr. Allal Ouhtit (*New Faculty*)
- Pr. Said Sif (*New Faculty*)
- Dr. Hamda Al-Naemi
- Dr. Haissam A. Saleh (*New Faculty*)
- Dr. MD Mizanur Rahman (*New Faculty*)

Key Outcomes (last 3 years)

- >55 publications
- \$ 500000
- 8 invited talks
- 6 international collaborations