

Mohamed Elhefny

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Other IDs

ResearcherID: AAB-4430-2019 (<https://www.webofscience.com/wos/author/record/AAB-4430-2019>)

Scopus Author ID: 57221742697 ([http://www.scopus.com/inward/authorDetails.url?](http://www.scopus.com/inward/authorDetails.url?authorID=57221742697&partnerID=MN8TOARS)

authorID=57221742697&partnerID=MN8TOARS)

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Education and qualifications (1)

Azerbaijan Medical University: Baku, AZ

2010-10-29 to present | PhD (Medical Biochemistry)

Education

Source: Mohamed Elhefny

Membership and service (7)

Saudi Heart Association: Riyadh, SA

2018 to present

Membership

Source: Mohamed Elhefny

Society of Clinical Biochemistry Azerbaijan: Baku, Baku, AZ

2007-10-08 to present | Active Member (Clinical Biochemistry)

Membership

Source: Mohamed Elhefny

Saudi Wildlife Authority: Riyadh, Riyadh, SA

2007-07-07 to present

Membership

Source: Mohamed Elhefny

Society of Friends of Cancer Patients: Cairo, Fum Alkhalig, EG

2004-10-09 to present | Active Member (Friends of Cancer Patients)

Membership

Source: Mohamed Elhefny

Egyptian Society of Biochemistry: Cairo, Cairo, EG

2004-10 to present | Active member (Biochemistry and Molecular Biology)

Membership

Source:Mohamed Elhefny

Umm Al-Qura University College of Medicine:**Alqunfuthah, Makkah, SA**

2015-03-15 to 2019-11-05 | Vice Dean (Administrative)

Service

Source:Mohamed Elhefny

Umm Al-Qura University College of Medicine:**Alqunfuthah, Makkah, SA**

2014-10 to 2019-11-05 | Head of Department (Medical Genetics)

Service

Source:Mohamed Elhefny

Funding (2)

Study of anticancer activities of Saudi Juniperus procera – derived secondary metabolites and their impacts on epigenetic molecular mechanisms controlling growth of human cancerous cells

Umm Al-Qura University (Maccah)

2019-12 to 2021-06|Grant

GRANT_NUMBER: 18-SCI-1-01-0028

Source:Mohamed Elhefny

Inhibition of Telomerase Activity in vitro Using SiRNA for Further Development of Telomerase- Based Cancer Therapy

Cairo University (Giza)

2014-07 to 2016-07|Grant

Source:Mohamed Elhefny

Works (40 of 40)

**Evaluation of Saudi *Juniperus procera* Extracts
Cytotoxicity and Regulatory Mechanisms of
Tumorigenesis Against Two Breast Cancer Cell Lines**

Natural Product Communications

2024-02 | journal-article

DOI: 10.1177/1934578x241232778

Part of ISSN: 1934-578X

Part of ISSN: 1555-9475

Source: Mohamed Elhefny

**Modulation of inflammatory, oxidative, and apoptotic
stresses mediates the renoprotective effect of daidzein
against glycerol-induced acute kidney injury in rats**

Environmental Science and Pollution Research

2023-11-03 | journal-article

DOI: 10.1007/s11356-023-30461-4

Part of ISSN: 1614-7499

Source: Mohamed Elhefny

**Histopathological study for the products of conception
from a regional pathology laboratory in Southwestern
Saudi Arabia: A 5-year retrospective study**

Medical Science

2023-09-30 | journal-article

DOI: 10.54905/disssi.v27i139.e348ms3196

Part of ISSN: 2321-7359

Part of ISSN: 2321-7367

Source: Mohamed Elhefny

**The association between Oral Health and Depression
among university students in Makkah city: A web-based
survey study**

Medical Science

2023-09-30 | journal-article

DOI: 10.54905/disssi.v27i139.e352ms3221

Part of ISSN: 2321-7359

Part of ISSN: 2321-7367

Source: Mohamed Elhefny

**Prevalence of Irritable Bowel Syndrome in Saudi Arabia:
A Systematic Review and Meta-Analysis**

Cureus

2023-09-16 | journal-article

DOI: 10.7759/cureus.45357

Part of ISSN: 2168-8184

Source: Mohamed Elhefny

**Parental Awareness of Headaches Among Elementary
School-Aged Children in Makkah, Saudi Arabia: A
Cross-Sectional Study**

Cureus

2023-08-29 | journal-article

DOI: 10.7759/cureus.44331

Part of ISSN: 2168-8184

Source: Mohamed Elhefny

**Adverse health events experienced by the recipients of
COVID-19 vaccines and the associated factors in
southwestern Saudi Arabia**

Malaysian Journal of Microbiology

2023-04 | journal-article

DOI: 10.21161/mjm.220088

Part of ISSN: 2231-7538

Source: Mohamed Elhefny

**A cross-sectional study to explore the attitude of organ
donation among school students and teachers in
Makkah region, Saudi Arabia**

Medical Science

2023 | journal-article

DOI: 10.54905/DISSI/V27I131/E22MS2554

WOSUID: WOS:000960920100020

Source: Web of Science Researcher Profile Sync

**Awareness and Knowledge of Interventional Radiology
among Clinical Years Medical Students of Umm Al-Qura
University**

International Journal of Medicine in Developing Countries

2023 | journal-article

DOI: 10.24911/ijmdc.51-1693739385

Part of ISSN: 1658-7820

Source: Mohamed Elhefny

Protocatechuic acid reverses myocardial infarction mediated by beta-adrenergic agonist via regulation of Nrf2/HO-1 pathway, inflammatory, apoptotic, and fibrotic events

Journal of Biochemical and Molecular Toxicology

2023 | journal-article

DOI: 10.1002/JBT.23270

WOSUID: WOS:000906704300001

Source:Web of Science Researcher Profile Sync

The prevalence and detriments of self-medication; a school-related experience in Makkah city, Saudi Arabia

International Journal of Medicine in Developing Countries

2023 | journal-article

DOI: 10.24911/ijmdc.51-1669646408

Part of ISSN: 1658-7820

Source:Mohamed Elhefny

The Prevalence of Internet Gaming Disorder Among Medical Students at Umm Al-Qura University (UQU), Saudi Arabia: A cross-sectional study

Majmaah Journal of Health Sciences

2023 | journal-article

DOI: 10.5455/mjhs.2023.04.002

Part of ISSN: 1658-645X

Source:Mohamed Elhefny

The Public's Knowledge of Osteoarthritis and Its Related Risk Factors in Makkah, Saudi Arabia

Cureus

2023 | journal-article

DOI: 10.7759/CUREUS.35457

WOSUID: WOS:000978767800004

Source:Web of Science Researcher Profile Sync

Wound care perception and attitude. A school-related experience in Saudi Arabia

Majmaah Journal of Health Sciences

2023 | journal-article

DOI: 10.5455/mjhs.2023.01.004

Part of ISSN: 1658-645X

Source:Mohamed Elhefny

prevalence and risk factors of microcytic hypochromic anaemia among students in the Kingdom of Saudi Arabia. A mini-review study

Saudi Medical Horizons Journal

2022-10-25 | journal-article

DOI: 10.54293/smhj.v2i2.34

Source:Crossref

Protective effect of quercetin against 5-fluorouracil-induced cardiac impairments through activating Nrf2 and inhibiting NF- κ B and caspase-3 activities

Environmental Science and Pollution Research

2022-10-05 | journal-article

DOI: 10.1007/s11356-022-23314-z

Part of ISSN: 0944-1344

Part of ISSN: 1614-7499

Source:Mohamed Elhefny

Prevalence and association between irritable bowel syndrome and stress among medical students in Al Qunfudah

Medical Science

2022-09-06 | journal-article

DOI: 10.54905/disssi/v26i127/ms365e2378

Part of ISSN: 2321-7359

Part of ISSN: 2321-7367

Source:Mohamed Elhefny

Silver Nanoparticles Enhance Oxidative Stress, Inflammation, and Apoptosis in Liver and Kidney Tissues: Potential Protective Role of Thymoquinone

Biological Trace Element Research

2022-08-26 | journal-article

DOI: 10.1007/s12011-022-03399-w

Part of ISSN: 0163-4984

Part of ISSN: 1559-0720

Source:Mohamed Elhefny

A 12 Years Old Boy with Osteogenesis Imperfecta Type VI in South Western Saudi Arabia - A Case Report

Medical Science

2022-05-30 | journal-article

Source:Mohamed Elhefny

**A Female Infant with Familial Glucocorticoid Deficiency
Type 1 (FGD1) Presented with Adrenal Crisis in
Southwestern Saudi Arabia: A Case Report**

Clinical and Medical Case Reports

2022-04-30 | journal-article

Source:Mohamed Elhefny

**Awareness of osteoporosis among medical and health-
related students of Umm Al-Qura University Saudi
Arabia**

Medical Science

2022-04-21 | journal-article

DOI: 10.54905/disssi/v26i122/ms141e2116

Part of ISSN: 2321-7367

Part of ISSN: 2321-7359

Source:Mohamed Elhefny

**A cross-sectional study to explore the awareness and
knowledge of epilepsy among health colleges students
in relation to their demographic differences**

International Journal of Medicine in Developing Countries

2022 | journal-article

DOI: 10.24911/ijmdc.51-1639026823

Part of ISSN: 1658-7820

Source:Mohamed Elhefny

**Community awareness of hereditary blood diseases and
the benefit of premarital screening program in Saudi
Arabia**

Medical Science

2022 | journal-article

DOI: 10.54905/DISSI/V26I128/MS424E2505

WOSUID: WOS:000886409200024

Source:Web of Science Researcher Profile Sync

**Perception and attitude of medical and paramedical
students of Umm Al-Qura University regarding
urolithiasis: a crosssectional study**

International Journal of Medicine in Developing Countries

2022 | journal-article

DOI: 10.24911/IJMDC.51-1661261259

Source:Web of Science Researcher Profile Sync

Factors influencing on SCD patient's family and caregivers in Al-Qunfudah governorate, Saudi Arabia

Medical Science

2021-12-16 | journal-article

Source:Mohamed Elhefny

Neuroprotective effects of protocatechuic acid on sodium arsenate induced toxicity in mice: Role of oxidative stress, inflammation, and apoptosis

Chemico-Biological Interactions

2021-03 | journal-article

DOI: 10.1016/j.cbi.2021.109392

Part of ISSN: 0009-2797

Source:Mohamed Elhefny

Factors influencing on SCD patient's family and caregivers in Al-Qunfudah governate, Saudi Arabia

Medical Science

2021 | journal-article

WOSUID: WOS:000731589100023

Source:Web of Science Researcher Profile Sync

Telomerase as a Possible Candidate Targeting Therapy in Different Breast Cancer Cell Lines

Asian Pacific Journal of Cancer Prevention

2020-08-01 | journal-article

DOI: 10.31557/apjcp.2020.21.8.2243

Part of ISSN: 2476-762X

Source:Mohamed Elhefny

Validation of a rapid screening diagnostic kit for field investigations of hepatitis C viral infection

Minia Journal of Medical Research

2019-07-01 | journal-article

DOI: 10.21608/mjmr.2022.221931

Part of ISSN: 2682-4558

Source:Mohamed Elhefny

Circulating microRNAs as predictive biomarkers for liver disease progression of chronic hepatitis C (genotype-4) Egyptian patients

Journal of Medical Virology

2019 | journal-article

DOI: 10.1002/JMV.25294

WOSUID: WOS:000449816500011

Source:Web of Science Researcher Profile Sync

DEGREE AND FACTORS OF BURNOUT AMONG EMERGENCY HEALTHCARE WORKERS IN INDIA

International Journal of Scientific Research

2019 | journal-article

DOI: 10.15373/22778179

WOSUID: MEDLINE:31069180

Source:Web of Science Researcher Profile Sync

Evaluation of cellular tumor suppressor protein p53 antigen and 5-Methylcytosine (methylated DNA) as a Diagnostic Biomarker for Hepatocellular Carcinoma in Egypt

Journal of Biochemical Technology

2019 | journal-article

WOSUID: WOS:000505610400002

Source:Web of Science Researcher Profile Sync

Circulating microRNAs as predictive biomarkers for liver disease progression of chronic hepatitis C (genotype-4) Egyptian patients

Journal of medical virology

2018-07 | journal-article

Source:Mohamed Elhefny

The First Molecular Insights to the Effect of Ashwagandha and Propolis on Cancer cells: comparative study

International Conference on Advances in Agricultural, Biological & Environmental Sciences

2015-07 | conference-paper

Source:Mohamed Elhefny

The First Molecular Insights to the Effect of Ashwagandha and Propolis on Cancer cells: Comparative Study

International Conference on Advances in Agricultural, Biological & Environmental Sciences

2015 | conference-paper

DOI: 10.15242/IICBE.C0715115

Source:Web of Science Researcher Profile Sync

Effect of Some Differentiation-inducing Agents on wild type Fragment-1(Waf-1)/P21 and Cycline D1(CD1)expressions in Leukemic cells propagated ex-vivo

International Journal of Pharmaceutical Science and Health Care

2014 | journal-article

Source:Mohamed Elhefny

Potential toxicity of Egyptian Ashwagandha: significance for their therapeutic bioactivity and anticancer properties

International Journal of Science and Research

2014 | journal-article

Source:Mohamed Elhefny

Evaluation of Vascular Endothelial Growth Factor (VEGF) levels and Survival among Triple-Negative Breast Cancer (TNBC) and non-TNBC Cases

International Journal of Advanced Scientific and Technical Research

2013-12 | journal-article

Source:Mohamed Elhefny

A Female Infant with Familial Glucocorticoid Deficiency Type 1 (FGD1) Presented with Adrenal Crisis in Southwestern Saudi Arabia: A Case Report

journal-article

DOI: 10.37421/2684-4915.2022.6.201

Source:Web of Science Researcher Profile Sync

Potential role of Moringa oleifera on different cell lines and experimental animal model

journal-article

DOI: 10.7537/MARSCBJ100320.05

Source:Web of Science Researcher Profile Sync

Peer review (9)

- review activity for **Breast cancer research and treatment. (1)**
- review activity for **Breast cancer. (3)**
- review activity for **Breast cancer. (7)**
- review activity for **Environmental toxicology. (3)**
- review activity for **Human & experimental toxicology. (14)**
- review activity for **Journal of biochemical and molecular toxicology. (1)**
- review activity for **Journal of clinical laboratory analysis. (1)**
- review activity for **Journal of diabetes and metabolic disorders (13)**
- review activity for **PLoS one. (1)**

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