

# Hossam M. Hassan

Vice-Dean for Postgraduate Affairs and Community Services



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**Name:** Hossam Mokhtar Abdelazeem Hassan

**Sex:** Male

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**Citations:** 1808

**h-index:** 24

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**Google Scholar:** <https://scholar.google.com/citations?hl=ar&user=3LhCNUAAAAJ>

## **Academic Education:** \_\_\_\_\_

**March 2011:** Ph.D. in Pharmaceutical Sciences (Pharmacognosy)

**March 2006:** M.Sc. in Pharmaceutical Sciences (Pharmacognosy)

**May 2000:** B.Sc. in Pharmaceutical Sciences

## **Chronology of Employment:** \_\_\_\_\_

**Nov. 2019-Now**

**Professor, vice-dean** for postgraduate affairs and community services

**Nov. 2021-Now**

**Professor**, Department of Pharmacognosy

**Nov. 2016-Now**

**Associate Professor**, of Pharmacognosy

## **Additional information:**

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**Career related activities:** Reviewers in many Journals, as Antibiotics, Molecules, Antioxidants, Microorganisms and Marine Drugs

**Research Project's contribution:** Co-Pi in many projects with Universities of Saudi Arabia

**Theses supervised:** Supervised 10 completed Master and PhD thesis as well as now

**Theses under supervision:** Three PhD thesis under supervision

**Research Interests:** Isolation and characterization of biologically active metabolites

Optimization of metabolites through drug modification and drug design

New Drug delivery systems

## **Publications:**

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**1-Phthalazone tethered 1, 2, 3-triazole conjugates:** In silico molecular docking studies, synthesis, in vitro antiproliferative, and kinase inhibitory activities, Mohamed A Abdelgawad, Syed Nasir Abbas Bukhari, Arafa Musa, Mohammed Elmowafy, AbdElAziz A Nayl, Ahmed H El-Ghorab, Mohamed Sadek Abdel-Bakky, Hany A Omar, Nasser Hadal Alotaibi, Hossam M Hassan, Mohammed M Ghoneim, Rania B Bakr. *Bioorganic Chemistry*, 2023.

**2-Metabolomic Profiling and Cytotoxic Activity of *Launaea nudicaulis*:** Molecular Docking with Topoisomerases, Seham Elhawary, Marwa HA Hassan, Shimaa Ibrahim El-desoucky, Ahlam Elwekeel, Enas IA Mohamed, Usama Ramadan Abdelmohsen, Hossam M Hassan, Rabab Mohammed. *Revista Brasileira de Farmacognosia*, 2023

**3-Compositions and methods for the treatment of coronavirus infection,** Hani A Alhadrami, Ahmed M Sayed, Hossam M Hassan, Usama R Abdelmohsen, Mostafa E Rateb. US Patent number 11564964, 2023

**4-Aloin A inhibits SARS CoV-2 replication by targeting its binding with ACE2-Evidence from modeling-supported molecular dynamics simulation.** Hani A Alhadrami, Ahmed M Sayed, Hossam M Hassan, Mostafa E Rateb, *Journal of Biomolecular Structure and Dynamics*, 2023.

**5-Screening and Molecular Docking of Bioactive Metabolites of the Red Sea Sponge *Callyspongia siphonella* as Potential Antimicrobial Agents,** Arafa Musa, Mohamed A Abdelgawad, Mohamed E Shaker, Ahmed H El-Ghorab, Della Grace Thomas Parambi, Ahmed A Hamed, Ahmed M Sayed, Hossam M Hassan, Mahmoud A Aboseada. *Antibiotics*, 2023.