

# CV



**Dr. Yaser Hussein Eissa Mohammed. M.Sc., Ph.D.**

**CAREER SUMMARY:** Degree Teaching-4 years; Research experience- 4year

**ADMINISTRATIVE EXPERIENCE:**

Coordinator: Degree. Course in Chemistry- September 2009-2011.

**KEY RESEARCH AREAS:**

- Biochemistry- Tumor Angiogenesis; Programmed Cell Death; Hypoxia signaling.
- Pharmaceutical chemistry- Anti-cancer; anti-inflammatory; anti-microbial; enzyme inhibition activity.
- Bioorganic Chemistry- ecofriendly synthesis of heterocyclic compounds, isolation of bioactive compounds from medicinal plants.
- X-ray Crystallography

**ACADEMIC CREDENTIALS:**

- **Ph.D.** in Biochemistry from Department of Biochemistry, Mysore University, Mysore (2018-2019).
- **Masters of Science:** M.Sc in Biochemistry from University of SRTM, Nanded (2012-2014) and secured First class with distinction.
- B.Sc. from Department of chemistry, Faculty of Applied Science College, University of Hajar, Yemen (2007) and secured First class with distinction.

**AWARDS AND ACHIEVEMENTS:**

- Has been awarded with merit certificate in Ph.D at Department of Biochemistry, Mysore University, Mysore.
- Has been awarded with best research award certificate in Ph.D at Department of Biochemistry, Mysore University, Mysore.
- Has been awarded with the cash prize for Securing 1st Rank in M.Sc at Department of Biochemistry, SRTM University, Nanded.

➤ Secured 1<sup>st</sup> Rank in B.Sc. (2007) from Department of chemistry, Faculty of Applied Science College, University of Hajjah, Yemen.

➤ Best Poster presentation Award (3<sup>rd</sup> Prize) in International conference on “importance of Herbal Medicine in the era of Globalization-A live Demonstration” organized by Department of Chemistry, Sahyadri Science College, Kuvempu University, Shivamogga on December 21-23 2016.

**WORK EXPERIENCE:**

➤ Lecturer of Biochemistry, Pharmacy Department, Faculty of medicine and Health Sciences, Al-Razi University, Sana'a. (2020-2023).

**PARTICIPATION IN EXTENSION ACTIVITIES:**

➤ Rural Development Schemes-Creating awareness and popularizing science among rural high school students. Answering the queries of high school students.

➤ Organizing and accompanying PG students for various research and pharmaceutical centers to get first hand exposure in their academic endeavor.

**MEMBERSHIP IN ACADEMIC SOCIETIES:**

➤ 103<sup>rd</sup> Indian science congress member

**INSTRUMENTS HANDLED:**

As part of the research work, I have handled and got familiarised with the following instruments in characterizing the molecules synthesized for various applications. Analytical balance (Satorius), UV-Vis spectrophotometer (Agilent), Fluorescence spectrometer (Agilent), Infrared (IR) spectrometer (Perkin), Nuclear Magnetic Resonance (NMR; Bruker Avance-400), Polarimeter, Elemental (CHNS) Analyzer (Thermo Scientific), High Performance Liquid Chromatography (HPLC; Shimadzu), LC-MS (Shimadzu), GCMS (Shimadzu) and Flash chromatography (Grace), Cell culture, animals handled, Gel electrophoresis, immunohistochemistry.

**Languages:**

- Arabic

- English ( I have a PBT TOEFL certificate with an average of 477 )

- Urdu