**ABDUL HAFIZ,** PhD

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Religion: Islam

Date of Birth: June 15, 1979

Nationality: Indian

**PROFESSIONAL EXPERIENCE AND POSITIONS HELD:**

* **Assistant Professor** (November 2013 onwards):

At College of Medicine, Umm Al Qura University, Makkah, Saudi Arabia

* **Research Fellow** (May 2012 to September 2013):

At School of Biological Sciences, Nanyang Technological University, Singapore.

**Senior Research Associate** (November 2010 to May 2012)**:**

At Evalueserve, Ltd Gurgaon Haryana India.

**Research Associate - United Nations’ Expert on Mission** (November 2009 to October 2010):

At International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi India.

**Project Assistant** (February 2004 to July 2004):

At Molecular and Cell Biology Unit (MCBL), Indian Institute of Science (IISc), Bangalore India.

**EDUCATION:**

* **2010:** **PhD** with Prof. Chetan E. Chitnis, at Malaria Research Group, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi India.

**Thesis title:** gC1qR Mediated Receptor-Ligand Interactions in *Plasmodium falciparum* Malaria.

* **2003:** **Master of Science (MSc.)** in Life Sciences from School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi India.
* **2001:** **Bachelor of Science (BSc.)** in Chemistry, Botany and Zoology from Science faculty, Jai Narain Vyas University (JNVU), Jodhpur Rajasthan India.

**ONGOING AND APPROVED RESEARCH PROJECTS**

**l. Project-1**

Project Code: 14-MED2474-10

Role: Principal investigator

Year of approval: 2016

Funding Agency: National Science Technology and Innovation Plan (NSTIP)

Budget: 2 Millions Saudi Arabian Riyals

Duration: 24 months project

Project Title (in English): Identification and characterization of principal parasite ligand(s) responsible for cytoadherence of *Plasmodium falciparum* to host receptor gC1qR

**2. Project-2**

Project Number: 43509019

Role: Co-investigator

Funding Agency: Deanship of Scientific Research, Umm AL Qura University

Budget: 300,000 Saudi Arabian Riyals

Duration: 1 year

Project Title (in English): Detection and characterization of *Plasmodium falciparum* ligand(s) responsible for platelet-mediated clumping through gC1qR receptor

**PUBLICATIONS:**

* *Nasir Salam, Shoeb Mustafa,* ***Abdul Hafiz*** et al. (2018) Global prevalence and distribution of coinfection of malaria, dengue and chikungunya: a systematic review. *BMC Public Health*2018**18**:710
* ***Abdul Hafiz,*** *Rowaida Bakri* (2018) Life Cycle and Molecular Cell Biology of Malaria. Elective Course Students Guide, Umm AL Qura University, Makkah.
* *Shazia Ali, Mahmood Rasool, Hani Chaoudhry, Peter N Pushparaj, Prakash Jha,* ***Abdul Hafiz*** et. al. (2016) Molecular mechanisms and mode of tamoxifen resistance in breast cancer. Bioinformation. 2016; 12(3): 135–139.
* ***Abdul Hafiz***\**, Alfredo Mayor\*, Quique Bassat, Sergi Sanz, Betuel Sigaúque, Pedro Alonso, Chetan E. Chitnis (2011)* Cytoadherence correlates of disease severity among *Plasmodium falciparum* isolates from Mozambican children. (**PLoS One 6(4): e19422,** \*AH and AM are joint first authors**)**
* *Anup K. Biswas,* ***Abdul Hafiz****, Bhaswati Banerjee, Kwang Sik Kim, Kasturi Datta, Chetan E. Chitnis* (2007) *Plasmodium falciparum* Uses gC1qR/HABP1/p32 as a Receptor to Bind to Vascular Endothelium and for Platelet-Mediated Clumping. ***PLoS Pathogens* 3(9): 1271-1280.**

**PATENT APPLICATION**

* Title: Novel interventions and diagnosis targets for malaria in pregnancy and their bio-medical use.

Role: Inventor

Status: Provisional patent application pending at UQU patent office (IPMO Reference No: #2016040900002).

**INTERNATIONAL SEMINARS:** Presented research work at**-**

* National Institute for Medical Research (NIMR), London (2010) United Kingdom
* Barcelona Centre for International Health Research (CRESIB), Hospital Clinic, Barcelona (2007) Spain.
* Oral presentation at Gordon Research Conference, Oxford UK (2007).

**TEACHING QUALIFICATION:**

* Qualified National Eligibility Test (NET) for lectureship held by Council of Scientific and Industrial Research (CSIR), Government of India.

**NOTABLE SCIENTIFIC MEETINGS ATTENDED AND AWARDS:**

* SPSS Basics & Research Methodologies Workshop at National University Hospital (NUH), Singapore (2012).
* Basic and Intermediate Biostatistics Workshop at National University Hospital (NUH), Singapore (2012).
* Poster presented at 5th Annual BIOMALPAR meeting at European Molecular Biology Laboratory (EMBL), Heidelberg Germany (2009).
* Participated as an instructor in international workshop on “Molecular Methods in Malaria Research” (2008) at ICGEB, New Delhi India.
* Presented poster at Advanced Summer School on the “Molecular and Cellular basis of Infection” at Cape Town, South Africa (2008).
* Oral presentation in the “Graduate Student Meet 2007”, at Advanced Centre for Cancer Research and Treatment (ACTREC), Mumbai India (2007). Awarded 3rd prize for the best oral presentation.
* Poster and oral presentation at Gordon Research Conference, Magdalen College, University of Oxford UK (2007). (Poster was selected for oral presentation).
* Participated as an instructor in international workshop on “Functional Genomics of Malaria Parasites” (2006) at ICGEB New Delhi India.

**SCIENTIFIC MEETINGS AT UMM AL QURA UNIVERSITY**

* 2017: selected for participation in workshop titled ‘Malaria Parasite Biology: Strategies for Drug and Vaccine Development’ at the International Centre for genetic Engineering and Biotechnology (ICGEB), New Delhi India
* 2015: attended ‘Biostatistics and SPSS’ workshop at Umm Al Qura University, Makkah, Saudi Arabia
* 2015: attended ‘Credible and Contributory Research’ seminar at Umm Al Qura University, Makkah, Saudi Arabia
* 2015:attended ‘Use of Database Al Manhal – Scifinder’ at Umm Al Qura University, Makkah Saudi Arabia
* 2014: Member of Umm Al Qura ‘Umm Al Qura Technology Transfer Delegation’ visiting the King Abdullah University of Science and Technology (KAUST), Saudi Arabia
* 2014: Attended Seminar by Professor Alister Craig, Liverpool School of Tropical Medicine (LSTM), UK At Umm AL Qura University, Makkah Saudi Arabia
* 2014: Scientific Thinking and the Foundation of Research Methods and Ethics’ seminar at Umm Al Qura university, Makkah Saudi Arabia
* 2014: ‘Research Methodology and Project Design’ seminar at Umm Al Qura University, Makkah, Saudi Arabia
* 2014: attended ‘Searching the Scientific Databases and How to Detect and Avoid Plagiarism’ workshop at Umm Al Qura University, Makkah, Saudi Arabia