(CURRICULUM VITA)

Name: AZZA MOSTAFA EL KEEB

Date of Birth: 10/02/1975

Email address: azzaelkeeb@yahoo.co.uk

Mobile Number: 00218911154808

Address: Arada, Sowqu Elgoma, Tripoli, Libya

QUALIFICATIONS:

- PhD in biomedical science in the UK (May 2015)
- MSc in biomedical science in the UK (Jan 2010)
- MBBCH in medicine and general surgery in Libya (May 2000)

PhD in Biomedical science (Nov2009-May 2015)

Biomedical science department / hematology

University of Hull, UK

I had enrolled on a study programme leading to the degree of PhD working on a laboratory based medical project at University of Hull. The project concerned the influence of the coagulation protein termed 'tissue factor' on the functions of vascular endothelial cells particularly during physiological and pathological conditions. Tissue factor is released by endothelial cells upon injury and trauma and acts as a defense mechanism. However, high levels of this protein within blood circulation can give rise to hypercoagulable state and thrombotic episodes during chronic diseases including; cardiovascular disease, cancer, diabetes and sepsis. The study examined the molecular and cellular mechanisms by which tissue factor is released by endothelial cells and investigated the function of tissue factor in the induction of coronary artery endothelial cells apoptosis.

Techniques acquired

Cell culture
Cell biology techniques (proliferation, apoptosis. etc)
Nucleic acid handling
RNA isolation

siRNA splicing knockdown
TR-PCR
SDS-PAGE/western blot analysis and other protein techniques
Immunoassays such as flowcytometry and ELISA

During the PhD period (4 years) I had been involved in the teaching of haematology and molecular biology courses in the department (paid job), about 30 hours in each course term .

MSc in biomedical science (Oct 2008-Sep 2009)

Biomedical science department

University of Hull, UK

Main modules:

- Pathology
- Hematology
- Infection control
- Research skills
- The research project (The correlation between Tissue Factor and estrogen receptor expression in ovarian tumours)

MBBCH in medicine and general surgery (April 1999)

AL-Fateh University, Tripoli, Libya

(Overall grade good)

Main modules during the first three years

Biochemistry
Histology
Pathology
Biology
Pharmacy
Forensic medicine

Main modules during fourth and fifth year

Ophthalmology
Gynecology

Pediatric
Internal and general medicine
General and special surgery

Work experience

- Apr 1999 - Apr 2000 Internship year, Tripoli medical centre (compulsory un-paid course)

Technical skills acquired
IV cannulation
ECG
Liver biopsies
Pleural aspirations
Bone marrow aspiration/ biopsy
Abdominal paracenthesis

- Jan 2001-May 2002 Attachment at dermatology department,

Tripoli medical centre, Libya

- Feb 2002 –Apr- 2007 General physician, and dermatologist at polyclinic health centre, Tripoli, Libya

Full time paid job
Specialty: general medicine

- From February 2016 – Oct 2023 General physician and Medical lab supervisor

(Full time paid job at polyclinic health center, Tripoli, Libya)

- From Sept 2027- Sept 2019 teaching assistance at faculty of Nursing at Tripoli University (pathophysiology)
- From Dec 2019 -Oct 2023 teaching assistance in pathology department at Faculty of medicine at Tripoli University
- Currently Since Oct 2023 full time Lecturer in pathology department at Faculty of medicine of Tripoli University.

Publications and presentations

Elkeeb A, Collier MEW, Ettelaie C. (2010) The activation of p38 MAPK by the phosphorylation of the cytoplasmic domain of TF. Presented at the Northern biology Group meeting. University of Hull, UK.

Ettelaie C, **Elkeeb A**, Maraveyas A, Collier MEW. (2012) p38α phosphorylates serine 258 within the cytoplasmic domain of tissue factor and prevents its incorporation into cell-derived microparticles. *Biochimica et Biophysica Acta Cell Research.* **1833** (3):613-621.

Ettelaie C, **Elkeeb A**, Maraveyas A, Collier MEW. (2013) The retention and release of tissue factor by endothelial cells results in the differential activation of p38-MAPK and influences the fate of the cells. Presented at congress of the international society on thrombosis and haemostasis. Amsterdam, The Netherlands.

ElKeeb A, Collier MEW, Maraveyas A, Ettelaie C. (2015) Accumulation of tissue factor in activated coronary artery endothelial cells causes cell apoptosis, mediated through p38 and p53 activation. *Thrombosis and Haemostasis.* **114**(2):364-78

References

1- Dr Camille Ettelaie

School of Biological, Biomedical and Environmental Sciences
The University of Hull, UK

Tel: +44 (0)1482 465528 c.ettelaie@hull.ac.uk

2- Prof Khalid Naseem

Professor of Cardiovascular Biology

Khalid.naseem@hyms.ac.uk

Tel: +44 (0)1482 465452

3- Dr Mary Collier (Post-doctoral researcher)

mec40@le.ac.uk