Curriculum Vitae (CV)

Personal information.

Name: Ali AteiaElmabsout

Address: Benghazi/Libya

Mobile phone number:0926812040/ 0914740516

Date of birth: 29-05-1977

Email address: ali.elmabsout@gmail.com

Nationality: Libyan

Education and Qualification.

2016

Assistant professor in Public health nutrition

2010-2012

Orebro University department clinical medicine, Orebro Sweden

PhD (Doctoral degree in medicine focusing biomedicine)

2008-2010

Orebro University department of clinical medicine, Orebro Sweden.

Half time control (equivalent to master degree).

1999-2000

Arab medical University, faculty of public health, Benghazi Libya.

Bachelor degree in public health nutrition.

Work experience

Current position.

2013- Ongoing.

A Head of nutrition department, faculty of public health, Benghazi University, Benghazi Libya.

2013-2017

-Doctoral student at school of health and medical science, department of clinical medicine in cardiovascular research unit, Orebro University Sweden.

2006-2007

-One year project at Uppsala University dealt with protein crystallization, protein purification and identification hemoglobin heptoglobin binding site in department medical biochemistry and microbiology.

-One month project dealt with mice breeding and genotyping, studied female mice reproduction genes such as AKT in the department of medical biochemistry and biophysics at Umea University.

Research and teaching

-Teaching program in biochemistry, faculty of pharmacy, Benghazi University (2016).

-Teaching program in nutrition, faculty of nurse, Benghazi University (2016).

-Teaching program in biochemistry, biochemistry department, faculty of medicine, Benghazi University (2013-2104).

-Teaching program in nutrition, midwifery section in higher institution of medical occupations, Ajdabia (2013-2014).

-Thesis of doctoral examination in cardiovascular research unit, Orebro University, Orebro Sweden.

The title of the thesis was CYP26B1 as a regulator of retinoic acid in vascular cells and atherosclerotic lesion (2012).

-Teaching program for master students in experimental medicine in department of clinical medicine, Orebro University, Orebro Sweden.

(2008-2011)

-Supervision (senior) for exchange and international students for project degree in cardiovascular research unit department of clinical medicine at Orebro Sweden (2008-2012).

-Half time control project degree in cardiovascular research unit, Orebro University, Sweden. The title was Importance of CYP26B1 in the regulation of retinoic acid in vascular cells and atherosclerotic lesion (2010).

-One year project degree in the department of medical biochemistry and microbiology. The title was hemoglobin binding haptoglobin, identification binding site and haptoglobin crystallization (2006-2007)

-Supervision for exchange students' 15 points project in the department of medical biochemistry and microbiology Uppsala University, Uppsala Sweden (2007)

-One month project in the department of medical biochemistry and biophysics at Umea University, Umea Sweden.

The project dealt with mice ovary physiology, reproduction and fertility control genes and mice breeding genotyping (2006)

Publications, manuscripts and conferences.

1-The periodontal pathogen Porphyromonas gingivalis changes the gene expression in vascular smooth muscle cells involving the TGFbeta/Notch signalling pathway and increased cell proliferation.

Boxi Zhang, Ali Ateia Elmabsout, Hazem Khalaf, Vladimir T Basic, Kartheyaene Jayprakash, Robert Kruse, Torbjörn Bengtsson and Allan Sirsjö (Accepted in BMC genomic).

2-Polymorphism in the Retinoic Acid Metabolizing Enzyme CYP26B1 and the Development of Crohn's Disease.

Fransén K, Franzén P, Magnuson A, Elmabsout AA, Nyhlin N, Wickbom A, Curman B, Törkvist L, D'Amato M, Bohr J, Tysk C, Sirsjö A, Halfvarson J.PLoS One. 2013 Aug 19;8(8):e72739.

3-CARD8 gene encoding a protein of innate immunity is expressed in human atherosclerosis and associated with markers of inflammation.

Paramel GV, Folkersen L, Strawbridge RJ, Elmabsout AA, Särndahl E, Lundman P, Jansson JH, Hansson GK, Sirsjö A, Fransén K. Clin Sci (Lond). 2013 Oct;125(8):401-7.

4-Homology models of human all-trans retinoic acid metabolizing enzymes CYP26B1 and CYP26B1 spliced variant.

Saenz-Méndez P, Elmabsout AA, Sävenstrand H, Awadalla MK, Strid Å, Sirsjö A, Eriksson LA.J Chem Inf Model. 2012 Oct 22;52(10):2631-7

5-Exposure to cigarette smoke induces overexpression of von Hippel-Lindau tumor suppressor in mouse skeletal muscle.

Basic VT, Tadele E, Elmabsout AA, Yao H, Rahman I, Sirsjö A, Abdel-Halim SM.Am J Physiol Lung Cell Mol Physiol. 2012 Sep 15;303(6):L519-27.

6-Role of NLRP3 and CARD8 in the regulation of TNF-α induced IL-1β release in vascular smooth muscle cells.

Tangi TN, Elmabsout AA, Bengtsson T, Sirsjö A, Fransén K.Int J Mol Med. 2012 Sep;30(3):697-702.

7-Cloning and functional studies of a splice variant of CYP26B1 expressed in vascular cells.

Elmabsout AA, Kumawat A, Saenz-Méndez P, Krivospitskaya O, Sävenstrand H, Olofsson PS, Eriksson LA, Strid A, Valen G, Törmä H, Sirsjö A.PLoS One. 2012;7(5):e36839.

8-A CYP26B1 polymorphism enhances retinoic acid catabolism and may aggravate atherosclerosis.

Krivospitskaya O, Elmabsout AA, Sundman E, Söderström LA, Ovchinnikova O, Gidlöf AC, Scherbak N, Norata GD, Samnegård A, Törmä H, Abdel-Halim SM, Jansson JH, Eriksson P, Sirsjö A, Olofsson PS.Mol Med. 2012 May 9;18:712-8.

9-CYP26B1 plays a major role in the regulation of all-trans-retinoic acid metabolism and signaling in human aortic smooth muscle cells.
Ocaya PA, Elmabsout AA, Olofsson PS, Törmä H, Gidlöf AC, Sirsjö A.J Vasc Res. 2011;48(1):23-30.

10- Expression of retinoic acid expression genes in coronary artery disease.
Bilbija D, Elmabsout AA, Haugen F, Baysa A, Sagave J, Bastani N, Sirsjo Allan and Valen G. Int J Mol Med. 2014;33(3):677-86.

11-Family Support, Malnutrition and Barriers to Optimal Dietary Intakeamong Elderly Diabetic Patients in Benghazi, Libya.
Badr SAE, Elmabsout AA, and Denna I.J Community Med Health Educ 2014, 4(2)1-6.

12-Communication Barriers Between The Physicians And Dieticians At 6 Hospitals In Benghazi.
Denna.I, Mohamed.B, Elfaituri.I, Atia.S, Almajouk.SA, Elmabsout.AA, Badr.S.A Current Perspective On Health Sciences 2014.
ISBN: 978-606-8552-05-7

13-Body Weight among Medical Students at Benghazi University in Relation to BMI Based Weight Status and Socioeconomic Factors
Elmabsout AA, Faiza G, Manal N, Ryma H. Sch. J. App. Med. Sci., 2016; 4(3A):653-663

14-The Influence of Socioeconomic Factors and Physical Activity Level on Adolescent Weight Status in Benghazi, Libya.
Mariam Omar, Faiza Nouh, Manal Younis, Amal Alshukri, Ali Elmabsout. Sch. J. App. Med. Sci.**2017; 5(6E):2439-2451**

15-Nutritional Status of Female Breast Cancer Patients in Benghazi City of Libya
Faiza Nouh, Mariam Omar, Amal Alshukri, Manal Younis, Ali Elmabsout, Mohamed Salem, Enas Awad,Rehab Mari, Rowayda Hassan.Sch. J. App. Med. Sci.2017; 5(6B):2179-2187.

16- Comparison of the Nutritive Values of Different Types of Evaporated Milk Available in Local Marketing in Benghazi City, Libya.
Faiza Nouh, Mariam Omar, Amal Alshukri, Ali Elmabsout, Manal Younis, Amira Almahdi, Kholoud Yousif. Sch. J. App. Med. Sci. 2017; 5(6B):2188-2197

17-Demand Feeding versus Scheduled Feeding during early life: Influence of feeding practice on obesity at early childhood: a systematic review of published evidence
Faiza Gheith Senussi Nouh, Mariam Omar, Ali Elmabsout, Amal Alshukri, Manal Younis Sch. J. App. Med. Sci. 2017; 5(5C):1959-1969.

Manuscripts

1-Genetic association and expression analysis indicated upregulated NLRP3 and IL1b levels in atherosclerosis and MI.
Paramel GV, Folkersen L, Strawbridge RJ, Elmabsout AA, Särndahl E, Lundman P, Jansson JH, Hansson GK, Sirsjö A, Fransén K.

2-In vitro evaluation of new candidate for CYP26B1 blocking agent (RAMBA).
Elmabsout AA, Aldabbagh F, Eriksson P, and Sirsjo A.

3-Simvastatin and Rosuvastatin inhibit CYP26B1-mediated retinoic acid catabolism.
Elmabsout AA, Franzen K, Sudman Eva, Oloffsson PS and Allan Sirsjo.

4-Effect of retionoic acid on inflammasom activity in human atherosclerotic lesion.
Elmabsout AA and Sirsjo Allan.

Conferences:

-6th European meeting for vascular biology and medicine (Karkow Poland 2011)
-3rd Swedish Hellenic conference (Athens Greece 2010)
-Retinoid and Cardiovascular diseases meeting (Oslo Norway 2009).

Advance Courses.

-Methods in bioinformatics (grade C)

-Medicine research overview (grade C)
-Immunobiology (grade B)
-Medicine research design (grade C)
-Medicine research process (grade C)
-Medical statistic (grade B)
-Mass spectrometry
-Vascular biology and disease (grade B)
-Medical biochemistry and microbiology.

Skills and Technical experience.

-Molecular cloning include (gene cloning and expression, design, transformation, transfection, gene knockdown siRNA and microRNA and electroporation)
-Gene sequences (plasmid construction, site directed mutagenesis include single and multiple mutation, ligation and restriction endonuclease)
-PCR and RT-PCR (qPCR, primer design, detection of mutation and single nucleotide polymorphism SNPs, conventional PCR and transluminator)
-Protein expression, protein purification and determination (affinity purified and immunoprecipitation)
-Electrophoresis, western blot, 2D gel electrophoresis, ECL chemolumences and comassie and silver staining)
-HPLC, FPLC, gas chromatography, mass spectrometer, phosphoimager and liquid scintillation vial.
-Cells culture and tissue culture include the following cell lines (Aortic smooth muscle cells AOSMCs, human umbilical vein endothelial cells HUVECs, skin fibroblast, kidney epithelial cells from green monkey COS-1 and COS-7, human colon cancer CACO, human skeletal muscle, rat skeletal muscle, rat aortic smooth muscle cells, human carotid artery and human embryonic kidney HEK297, human monocyte THP-1, T cells and breast cancer cell lines. Tissue culture includes biopsy from human carotid artery atherosclerosis. Cells counting, staining and thymidine incorporation.
-Flowcytometery.
-Spectrophotometry measuring concentration of DNA, RNA and protein.
-ELISA
-Immunohistochemistry (sectioning, cryopreserve, paraffin embedded and double staining.
-Genotyping mice tail and mice breeding and scarify.
-Bacterial culture and plating
-Bioinformatics experience include codon usage data base, protein data base, protein three dimensional predication data base, computation chemistry, blast DNA and protein, peptide synthesis through expasy and NCBI, identification of promoter and transcription factors in particular genes and etc.....
-Microscope (light, electron, inverted and confocal microscope)
-Clinical experience in carotid ultrasound, angiography, Echo, ECG, and stent intervention.
-Microarray and phylogenic.

-Angiogenesis, tube formation and capillaries counting.
-Total RNA and DNA extraction.

Other skills.

Computer skill and knowledge, SPSS, Epiinfo software for statistic, Excel for data analysis and graphs, Pad prism 5 software and Kyplot for statistic, DNA sequences and primer design software, RAMDA, for protein predication structure, Endnote and Azitro and so on.

References.

1-Prof: Allan sirsjo

*Email address:*allan.sirsjo@oru.se

Phone number: +46(0) 19302025

2-Assoc Prof: Karin Fransen

*Email address:*Karin.h.franzen@oru.se

Phone number: +46(0)19301408

3-Assoc Prof: PederOloffsson

Email address: Ps.olofsson@gmail.com or oloffsson@ki.se

Phone number: +1-516-562-1127

I hereby declare that the above information given by me is true to my behalf of knowledge.

Ali AteiaElmabsout

Al Emabsout