



CURRICULUM VITAE

Personal Data:

Name: Osama Fathy Abdel Wahab Mohamed Mosa

Date of birth: 18/10/1982

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Address: Umm El-Qura University/El-Azizia Dist/Makkah/KSA

Qualifications:

- *Bachelor of Science (B.Sc.)* in Biochemistry- Alexandria University –May 2003 –Very Good Grade.
- *Master Degree in Medical Biochemistry* - Alexandria Medical Research Institute -August 2009 - Excellent Grade.
- *Doctorate of Science (D.Sc.) [Doktor Znanosti]* in Clinical Biochemistry and Laboratory Biomedicine - Faculty of Pharmacy- Ljubljana University- Slovenia -18th October 2016.

Academic Experience:

- Instructor of Chemistry, Department of Chemistry & Physics, Alexandria Faculty of Education (from Sep 2005 until Aug 2006).
- Research assistant in biomedical Department, Genetic Engineering Institute, Mubarak City for Scientific Research & Technology Applications – Egyptian Ministry for Scientific Researches (from Jan 2008 till Feb 2011).
- Lecturer of Clinical biochemistry, Alghad International College for Health Science, Department of Medical Laboratory Science, Abha (from Feb 2011 until June 2011).
- Lecturer of Clinical Biochemistry, Community College, Division of Laboratory Science, Umm Al-Qura University (from Sep 2011 until June 2012).
- Lecturer of Clinical Chemistry & Biochemistry, Health Science College at Lieth, Department of Public Health, Umm Al-Qura University (from Sep 2012 until Dec 2016).
- *Assistant professor* of Clinical Biochemistry, Health Science College at Lieth, Department of Public Health, Umm Al-Qura University (from Dec 2016 until now).
- Clinical Biochemist Lab Specialist in Al-Lieth General Hospital Lab (from Oct 2012 until now).

Teaching Activities:

- I. Teaching of “Clinical chemistry I (Clin I), Clinical Chemistry II (Clin II) and Medical Immunology” in Alghad international college for health science in Abha, KSA.
- II. Teaching of “Medical laboratory instruments” in the 1st semester, Community College, Division of Laboratory Science, Umm Al-Qura University.
- III. Teaching of “Fundamentals of Biochemistry & Clinical Biochemistry II” in the 2nd semester, Community College, Division of Laboratory Science, Umm Al-Qura University.
- IV. Teaching of “Essentials of Biochemistry I & II” for the Preparatory year students, Deanship of the Preparatory year, Lieth Campus, Umm Al- Qura University.

- V. Teaching of “Medical Biochemistry” for first year students in Public Health Department, Health Science College at Lieth, Umm Al- Qura University.
- VI. Teaching of Health care ethics for 4th year students, Public Health Department, Health Science College at Lieth, Umm Al- Qura University.
- VII. Teaching and supervision of Graduation project subject for 4th year students, Public Health Department, Health Science College at Lieth, Umm Al- Qura University.

Training courses:

- Training course in High Performance Liquid Chromatography (Agilent 1100 HPLC) from 19 until 21 August 2008, Medical Technology Center (MTC), Alexandria.
- Training course from Alexandria Red Crescent Society, Alexandria branch from 1 to 3 Sep 2009.
- Attendant of the training program (Developing Research Abilities: Idea Formulation and Research Management) “at University of Umm Al-Qura for one day on 24 Feb 2013 ”.
- Individual research work (30 ECTS) in the Laboratory of Hormones & Tumor Markers, Emergency Lab, Urine Analysis Lab and Trace elements Lab in Clinical Biochemistry Institute, Ljubljana Medical Center from 21th July until 6th August 2014.
- Practical training in PCR techniques, Clinical Biochemistry & Laboratory Biomedicine Department , Faculty of Pharmacy, Ljubljana University from 29th June until 6th July 2015.

Publications & Research Projects:

- Eman Saleh Khalil, Eman Sharaf, **Osama F.Abdel Wahab**, Mona Rashad. “Serum Level of Fetuin-A in Systemic Lupus Erythematosus: Relation Disease Activity and Accelerated Atherosclerosis”. Journal of Biophysics and Biomedical Sciences, Sept 2008; 1 (2) 92-97.
- **Mosa, O.F.**, I.H. Mohamad and M.M. Salama. Relationship between Fetuin- A and systemic lupus erythematosus as a predictor marker for atherosclerosis. Am. Med. J. 2012; 3: 249-254. DOI: 10.3844/amjsp.2012.249.254.
- Ali F.I Abdel-Wahab, **Osama Fathy** and Randa Al-Harizy. Negative correlation between Fetuin-A and indices of vascular disease in systemic lupus erythematosus patients with and without lupus nephritis. Arab J Nephrol Transplant 2013 Jan; 6(1):11-20. <http://www.ncbi.nlm.nih.gov/pubmed/23282228>.
- **Mosa O***, Skitek M, Kalisnik JM, Jerin A. Evaluation of serum cysteine-rich protein 61 and cystatin C levels for assessment of acute kidney injury after cardiac surgery. Ren Fail. 2016 Mar 16:1-7. DOI:10.3109/0886022X.2016.1157747.
- **Mosa O***, Skitek M, Jerin A. Validity of Klotho, CYR61, and YKL-40 as ideal predictive biomarkers for acute kidney injury. Sao Paulo Med J. 2016 Oct 13:0. Doi: 10.1590/1516-3180.2016.0099220516.
- **Osama F Mosa***, Tariq Zafar, Asmaa M Fahmy, Milan Skitek, Aleš Jerin. Prognostic significance of serum NGAL against AKI in ICU elder patients after Open heart surgery. Sanamed J. 2017 Aug 5. Doi:UDK:616.1/.2-089-06;616.61-074. ID: 241862668.
- **Osama F Mosa***, Mohammed A Fouad, Tariq AA Zafar, Asmaa M Fahmy, Faleh Al Yazidi and Mahmoud Rizk. Epidemiology of Acute Kidney Injury (AKI) among hospitalized and outpatients frequent to Al-Lieth Kidney Unit (AKU). Epidemiology (Sunnyvale) 2017 Aug; 7: 317. doi:10.4172/2161-1165.1000317.
- **Osama F Mosa***, Mohamed Awad, Asmaa M Fahmy, Mahmoud Rezk. A project title “Cohort based study on hemodialysis Saudi patients in Al-Lieth Kidney Unit (AKU)”. (Under processing).
- Jerin A, **Mosa O**, Kalisnik JM, Zibert J, Skitek M. Serum Klotho as a marker for early diagnosis of acute kidney injury after cardiac surgery. (Under review).
- Mostafa Sinna, Faris Altaf, **Osama F Mosa***. A project title “Histopathological and Biochemical Changes prior to proximal renal tubules in Chronic Kidney failure (CKD) Saudi patients”. (60.000 Euro) Funded from Institute of Scientific Researches & Heritage Revival, Umm Al-Qura University. [Sample collection stage].

- **Osama F Mosa***, Faris Altaf. A project title “Prevalence of renal disease complications among pilgrims admitted hospitals during hajj season” presented to the Mass Gathering Health Research Chair, Umm Al Qura University in a collaboration with Saudi Ministry of Health.
- Tariq bin Abdallah Zafar, **Osama F Mosa***, Asmaa M Fahmy. A project title “Validity of novel biomarkers and histopathological changes in Saudi patients with inflammatory bowel disease”. [A waiting for Funding from UQU, KSA].
- **Osama F Mosa***, Asmaa M Fahmy, Skitek M, Jerin A. Epidemiology of AKI among hospital-acquired patients in Slovenia Republic and Kingdom Saudi Arabia: comparative study. [A waiting for Funding].
- **Osama F Mosa***, Mohamed Fouad, Asmaa M Fahmy. Evidenced autophagy in Acute Kidney Injury (AKI): A mechanistic review. [writing process]

Academic & Scientific society membership:

- *Reviewer in the Oxford Rheumatology Journal, UK - Clinical and Experimental Pharmacology and Physiology (CEPP) Journal - Yonsei Medical Journal (YMJ) - Scientific Reports (Nature Publishers).*
- *An invited “Editorial Advisory Board Member” in The Open Biomarkers Journal, Bentham Open Publisher July 27, 2017.*
- *Member of the Editorial board of MEDICAL - CLINICAL RESEARCH & REVIEWS, CME Publisher Sep 8, 2017.*
- Member of the Egyptian Society for Biochemistry and Molecular Biology, Faculty of Medicine– Cairo University (From Oct 2009 until now).
- Member of the American Association for the Advancement of Science (AAAS) in the 4th Feb 2017.
- Member of Syllabus Preparation Committee, Alghad International College for Health Science.
- Member of Medical Laboratory Science Department, Alghad International College for Health Science.
- Member of Academic Advising Committee for Medical Laboratory Science, Community College, Umm Al-Qura University.
- Member of Medical laboratory Science Department, Community College, Umm Al -Qura University.
- Member of Syllabus Preparation Committee in collaboration with Massachusetts College of Pharmacy and Allied Health Sciences (MCPH) , Public Health Department, Health Science College at Lieth.
- Member of Public Health Department, Health Science College at Lieth, Umm Al -Qura University.
- Lecturer of Medical Education & Laboratory Quality Control in Al-Lieth General Hospital.
- Advisor of Public Health Department Committee, Health Science College at Lieth, Umm Al -Qura University (From Dec 2014 until Dec 2016).
- Member of Diplomats Preparation and New Disciplines Committee, Public Health Department, Health Science College at Lieth, Umm Al -Qura University (From 15/03/2015 until now).
- Supervisor of the official website of Health Science College at Lieth in charge of the Dean, Umm Al -Qura University (From June 2015 until Jan 2016).
- Supervisor of Medical Biochemistry Lab, Health Science College at Lieth, Department of Public Health (From Sep 2015 until now).
- Member of Exams Committee, Department of Public Health, Health Science College at Lieth (From Nov 2015 until now).
- Member of Syllabus Preparation Committee for Department of Health Management & Medical Informatics, Health Science College at Lieth.
- Member of the Student club of Health Science College at Lieth (From Dec 2015 until Nov 2016).
- Head of the Facilities and equipments subcommittee of Quality assurance (From May 2016 until April 2017).
- Head of 1st KPI subcommittee of Quality assurance (From April 2017 until now).
- Permanent member of Mass Gathering Health Research Chair team, Umm Al Qura University (From 25 May 2016). <http://mghrchair.org/team/>

- Counselor in the Institute of consulting Research and Studies, Umm Al Qura University (June 2015).
- Visiting fellow (member) at Prof Dr. Milan Skitek's Research Lab team, Department of hormones & tumor markers, Clinical Chemistry & Biochemistry Institute, Ljubljana University Medical Center (UMC-LJ), Slovenia (From Sep 2015 until now).
- Visiting fellow at the Department of Nephrology & Dialysis and Transplantation, the International Renal Research Institute (IRRIV), San Bortolo Hospital, Viale Rodolfi 37- 36100 Vicenza – Italy (From 20 June to 20 July 2017).
- Collaborator with Prof Dr. Richard J. Solomon MD, Medical Director of Nephrology Department, University of Vermont College of Medicine, USA.
- Academic coordinator of Public Health Department from Feb 2017 until now.
- Head of the International Collaboration and Research Twinning Unit in Health College at Lieth, Umm Al Qura University (from 26th April 2017 until now).
- Member of the Public Health Society of South Africa (PHASA) From 24/5/2017-28/2/2018.
- Head of the College Laboratories Committee, Health Science College at Lieth (from 25th May 2017 until now).
- Member of The European Renal Association & European Dialysis and Transplantation Association [ERA-EDTA: CKD-MBD] working group from July 28, 2017.

Conferences & Workshops:

- Attendant of the 5th Saudi Science Conference “A New Vision of the Role of Basic Sciences in Development” “from 16-18 April 2012 at Umm Al-Qura University, Makkah, Saudi Arabia.
- Attendant of the Innovation and Entrepreneurship Forum " From 24-26 April, 2012 Umm Al-Qura University – King Abdulaziz Historical Hall –Makkah Al-Mukarama – Saudi Arabia.
- Participant in 8th International Congress on Autoimmunity, Granada, Spain 9-13 May 2012 by a poster presentation “*Association of Fetuin-A level with Disease Activity and Accelerated Atherosclerosis in SLE patients*”.
- Attendant of Symposium volunteer work and future prospects. “From 15-16 Sep, 2012 Umm Al-Qura University – King Abdulaziz Historical Hall –Makkah Al-Mukarama – Saudi Arabia.
- Attendant of Workshop in "Introduction in E-Learning" at University of Umm Al-Qura in Cooperation with Naseej-Arabian Advanced Systems in Makkah from 20-24 Nov 2012.
- Attendant of the Innovation and Entrepreneurship Forum " from 14-16 May, 2013 Umm Al-Qura University – King Abdulaziz Historical Hall –Makkah– KSA.
- Attendant of the 13th Scientific Forum for Ummera & Hajj Researches " from 30 April-1 May, 2013 Umm Al-Qura University – King Abdulaziz Historical Hall –Makkah-KSA.
- Participant in 8th International Congress on Autoimmunity, Granada, Spain 9-13 May 2012.
- Attendant of Workshop in "Introduction in E-Learning" at University of Umm Al-Qura, Al-Lieth Main Campus on 10th Dec 2015.
- 5th Conference of Teacher Preparation under title of “The Preparation and training of teacher in the light of development demands and Era updates” From 3-4/2/2016.
- Attendant of the 16th Scientific Forum for Ummera & Hajj Researches " From 24 -25 May, 2016 Umm Al-Qura University – King Abdulaziz Historical Hall –Makkah-KSA.
- Attendant of training program in “The Quaternary Model in Teaching”, at University of Umm Al-Qura, Makkah From 26-27th Apr 2016 with 10 ECTs.
- Attendant of Workshop in “The Quality parameters’ KPI and regulation of the quality committee in the college” in 24th Nov 2016 at Health Science College at Lieth.
- Attendant of Workshop in “The Electronic Exams preparation” in 26th Apr 2017 at Health Science College at Lieth.
- Participant in 15th Annual Congress on Kidney: Nephrology & Therapeutics, USA 28-30 August 2017 by a poster presentation “*The predictive impact of using NGAL and Cystatin C besides traditional troponins*”

towards Cardiac surgery-associated acute kidney injury (CSA-AKI) in hospitalized patients after invasive cardiopulmonary bypass". [Osama F Mosa et al., J Kidney 2017, 3:3 (Suppl) DOI: 10.4172/2472-1220-C1-003].

- Participant in the EuroMedLab Athens 2017 by a poster presentation: "**KLOTHO IN SERUM - A POTENTIAL MARKER OF ACUTE KIDNEY INJURY AFTER SURGERY**" *Clin Chem Lab Med* 2017; 55, Special Suppl, pp S1 – S1121, June 2017.

Laboratory Experience:

Familiar with working on the following instruments:

- UV/Visible Spectrophotometer.
- PCR.
- Ultracentrifuge.
- Urinometer.
- ELISA Immunoassay.
- HPLC.
- Flow Cytometry.

Computer Experience:

- Computer courses in IT, Windows, Microsoft word, Excel, Access, PowerPoint and Outlook 3 months in Institute of Informatics, Mubarak City for Scientific Researches and Technology Applications, Egyptian Ministry for Scientific Researches and Technology.
- ICDL holder from Alexandria Faculty of Nursing, March 2010.
- Good experience in working on the SPSS package software version 22.

References:

- ASSOC PROF DR/ Milan Skitek, Milan.skitek@kclj.si, Associate Professor of Clinical Biochemistry & Laboratory Biomedicine, Head of Clinical Chemistry & Biochemistry institute, Clinic Center Ljubljana, Ljubljana, University, Slovenia, 0038640274093.
- ASS PROF DR/ Aleš Jerin , Ales.jerin@kclj.si, Assistant Professor of Clinical Biochemistry & Laboratory Biomedicine, Head of Hormones and tumor markers Department, Clinical Chemistry & Biochemistry, institute, Clinic Center Ljubljana, Ljubljana University, Slovenia, 0038651230957.
- PROF. DR/ JANJA MARC, Janja.Marc@ffa.uni-lj.si, Full Prof. of Clinical Biochemistry and Laboratory Biomedicine, head of Laboratory of molecular diagnostics at Faculty of Pharmacy, Coordinator of PhD programme of Clinical Biochemistry, Ljubljana University, Slovenia, 0038614769600.
- PROF.DR/DARKO ČERNE, Darko.cerne@ffa.uni-lj.si, Full professor and head of The Chair of Clinical Biochemistry at Faculty of Pharmacy, Ljubljana University, Slovenia, 0038614769644.
- ASS PROF DR/ Mohamed Ahmed Fouad, mohmicro@gmail.com, Assistant Professor of Medical Laboratory Sciences, Health Science College at Lieth, Vice Dean for Quality affairs, Umm Al Qura University, KSA, 00966583556011.
- ASS PROF DR/ Hassan El Siddig Hassan Faragalla, hassan.elsiddig@yahoo.com, Assistant Professor of Medical Laboratory Sciences, Health Science College at Lieth, Vice Dean for Postgraduate studies and Scientific Research, Umm Al Qura University, KSA, 00966560531588.