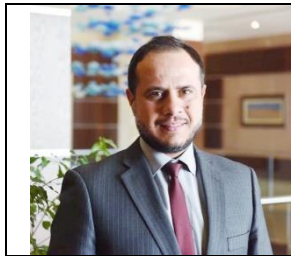


June 10, 2020

**Curriculum Vitae (CV)**  
Mohamed A. Al-Griw, Ph.D.

**A. Contact details**

- **Position:**
  - **Director**, Quality and Performance Evaluation Office (QPEO)
  - **Associate Professor**, Clinical Molecular Genetics
- **Areas of expertise:** Genetics; Epigenetics; Molecular biology; Neuroscience; Neurodegeneration
- **Email:** [m.algriw@uot.edu.ly](mailto:m.algriw@uot.edu.ly)
- **Phone:** +218 (0) 913186924
- **P.O. Box:** 13160 – UoT, Tripoli, Libya
- **Location:** Department of Histology and Genetics, Faculty of Medicine, University of Tripoli (UoT), Tripoli, Libya
- **WhatsApp:** 0913186924
- **Website:** [ORCID](#) | [ResearchGate](#) | [Academia](#) | [Skype id](#) | [Mohamed Al-Griw](#)



Born in 1977, from the city of Tripoli, studied and graduated from Tripoli, he holds a Bachelor (B.Sc., April 2001) and Master's (M.Sc., Jan 2006) degrees in Sciences from University of Tripoli (UoT), and a Doctor of Philosophy (Ph.D., Nov 2012) degree in Clinical Molecular Genetics from University of Leeds, Leeds, United Kingdom.

- 15 years of academic and administrative experiences with University of Tripoli (UoT) and Libyan Ministry of Education.
- Worked with the committees of the UoT and the Libyan Ministry of Education as well as the National Center for Quality Assurance and Accreditation of Educational and Training Institutes (NCQAAETIs) in the areas/fields of strategic planning, quality assurance in higher education, academic accreditation, and the ranking of Libyan universities.

**B. Education/Training**

Institution and location	Degree	Completion date	Field of study
School of Molecular and Cellular Biology, University of Leeds, Leeds, U.K.	Ph.D.	Apr 2009–Nov 2012	Molecular Neuroscience
Faculty of Sciences, UoT, Tripoli, Libya	M.Sc.	Mar 2002–Jan 2006	Medical Genetics
Faculty of Sciences, UoT, Tripoli, Libya.	B.Sc.	Sept 1996–Jun 2000	Biology
Secondary School, Tripoli, Libya	-	1993 to 1995	-
Primary School, Tripoli, Libya	-	1990 to 1992	-
Basic School, Tripoli, Libya	-	1984 to 1989	-

**C. Personal Statement**

My research interests are in identifying the molecular, genetic, epigenetic mechanisms that are crucial in human and animal diseases/abnormalities. I am cross-trained in molecular biology, neuroscience, genetics, epigenetics, and biostatistics. Our research uses a range of molecular and genetic approaches.

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## **D. Positions, Duties, and Responsibilities**

### **Academic positions**

Aug 2019-present	<b>Professor (Associate)</b> , Clinical Molecular Genetics, Department of Histology and Genetics, Faculty of Medicine, UoT, Libya.
Nov 2020	<b>Consultant</b> , Graduate and Training Management, UoT, Tripoli, Libya.
Oct 2019-June 2020	<b>Head</b> , Department of Histology and Genetics, Faculty of Medicine, UoT, Libya.
Oct 2016-Oct 2017	<b>Head</b> , Zoology Department, Faculty of Sciences, UoT, Tripoli, Libya.
Jan 2016-present	<b>Professor (Assistant)</b> , Clinical Molecular Genetics, Zoology Department, Faculty of Sciences, UoT, Tripoli, Libya.
Jan 2013	<b>Lecturer</b> , Molecular Genetics, Faculty of Sciences, UoT, Tripoli, Libya.
April 2009- Nov 2012	<b>PhD. Student</b> , Ph.D. thesis title: Molecular and Cellular Analysis of White Matter Ischaemic Injury, University of Leeds, Leeds, UK.
Jan 2006	<b>Assistant Lecturer</b> , Molecular Genetics, Faculty of Sciences, UoT, Tripoli, Libya.
April 2003-Dec 2005	<b>M.Sc. Student</b> , M.Sc. dissertation title: Detection of mutations in exon-13 of the human insulin receptor gene among some Libyan patients with type-II-diabetes mellitus, Faculty of Sciences, UoT, Tripoli, Libya.
Jan 2005	<b>Demonstrator</b> , Faculty of Sciences, UoT, Tripoli, Libya.
Sept 1996-Mar 2001	<b>B.Sc. Student</b> , B.Sc. dissertation title: A reference study on genetic diseases in western Libya, Faculty of Sciences, UoT, Tripoli, Libya.

### **Administrative positions**

April 2021-July 2021	<b>General Manager</b> , National Authority for DNA Research and Analysis, Libya
April 2021	<b>Member</b> , Training Committee, National Authority for DNA Fingerprint Research and Analysis, Libya
April 2021	<b>Member</b> , Scientific Advisory Committee, National Authority for DNA Fingerprint Research and Analysis, Libya
April 2018-May 2019	<b>Member</b> , Director Board of National Center for Quality Assurance and Accreditation of Educational and Training Institutes (NCQAAETIs), Ministry of Education, Libya.
July 2017-present	<b>Director</b> , Quality and Performance Evaluation Office (QPEO), UoT, Tripoli, Libya.

### **Other Experience and Professional Memberships**

October 2020	<b>Board Member</b> , International Academic Accreditation Council (IAC), Islamic Sciences Accreditation Agency (IAK), Turkey.
July 2020-present	<b>Chairman committee</b> , Development of scientific departments of the Joint Specialty, UoT, Tripoli, Libya.
Sept 2019-present	<b>Member</b> , Higher Committee for the following up the UoT Ranking internationally, UoT, Tripoli, Libya.
Sept 2019-present	<b>Chairman</b> , committee Ranking of faculties at UoT, Tripoli, Libya.
July 2019-present	<b>National committee member</b> , Ranking of Libyan Universities, Ministry of Education, Tripoli, Libya.
July 2020	<b>Founder</b> , Libyan University Ranking Guide, Ministry of Education, Tripoli, Libya.
Sept 2018	<b>Chairman</b> , committee to fulfill the requirements of institutional academic accreditation for all faculties at the University of Tripoli in accordance with the accreditation criteria issued by the National Center for Quality and Accreditation of Educational and Training Institutes (NCQAETIs) in the State of Libya.
Jun 2018	<b>Editorial board</b> , Insight-Veterinary Science
Oct 2017	<b>Chairman</b> , committee for the preparation of the strategic plan for University of Tripoli (2018-2022) and follow-up implementation.
Sept 2017	<b>Chairman</b> , committee for habilitating the University of Tripoli Faculties to implement quality systems.
March 2017- May 2018	<b>Higher Committee Member</b> , Follow up the International Ranking of University of Tripoli, UoT, Tripoli, Libya.
June 2016	<b>Founder member</b> , The University of Tripoli Ethics Charter of Scientific Research,

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April 2015	UoT, Tripoli, Libya. <b>Founder Member</b> , Medical and Biological Analysis Unit, Reference Laboratory, UoT, Tripoli, Libya.
July 2014	<b>Founder and President</b> , Forensic Biology Division, Faculty of Sciences, UoT, Tripoli, Libya.
March 2013	<b>Chairman committee</b> , Educational and Cultural Activities, Zoology Department, Faculty of Sciences, UoT, Tripoli, Libya.
2012	<b>Member</b> , The Physiological Society.
2011	<b>Member</b> , Society for Neuroscience.
2010	<b>Member</b> , European Association Cancer Research (EACR).

## **E. Grants received**

2015	<b>The U.S.A. National Academy of Sciences</b> A grant to implement Responsible Science in Zoology Department, Faculty of Sciences, UoT, April 09 - May 24, 2015
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## **F. Projects**

- A member and a representative of development of Libyan higher education system, specific team (Quality assurance team), funded by Wheel Project (2019-2022), European Union Project,

## **G. Skills & experience**

### **Research skills**

- ❖ During my research career I gained substantial experience in a wide range of genetic and molecular biology techniques including:
  - **Biochemistry**
    - Protein extraction & purification.
    - Western blotting.
    - Cell survival, proliferation (BrdU immunostaining), and death assays (annexin and TUNEL).
    - Various enzymatic and non-enzymatic oxidative stress markers.
  - **Cell and tissue cultures**
    - Handling and maintenance of cell culture and organotypic slice culture.
    - Gene transfer into primary cells and cell lines.
    - Treatment of cultures with various biological substances (e.g. inhibitors).
  - **Animal handling**
    - Albino Wistar rats & Swiss Albino mice.
    - Injections (IP, IV, IM and Subcutaneous).
  - **Molecular biology**
    - Gene expression techniques: Quantitative-RT-PCR.
    - Genotyping/ polymorphisms of genes: PCR-RFLP.
    - Gene cloning, AVV transformation.
  - **Immunotechnology & histology techniques**
    - Histopathology and Immunocytochemistry.
  - **Instruments handle**
    - Real Time-PCR (RT-PCR).
    - Quantitative (Q)-RT-PCR.
    - Spectrophotometer.
    - Light & confocal Microscopy.
  - **Bioinformatics**
    - Primer design use of web based tools: BLAST, CLUSTAL-X, MULTALIN, HEX6.0,

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- Bio Imaging Analysis (ImageJ)
- **IT and other Skills**
  - Excel, Microsoft word, PowerPoint
  - Statistical Packages (SPSS, Origin Pro, Prism)
  - Proficient in teaching, good in experimental design and writing papers.
  - Excellent communication skills and team work.
  - Languages: Arabic (mother tongue), English.

### **Teaching experience**

- Clinical genetics
- Genomic technologies in clinical diagnostics
- Fundamentals and advanced cell and molecular biology
- Epigenetics
- Population genetics
- Cell & tissue cultures
- General Biology-I & -II (for Science and pre-medical students)

## **H. Contributions to Science**

### **Current specific research**

- Genetics and epigenetics in disease mechanisms
- Epigenetics in cancer
- Actions of environmental insults on the disease/abnormality inheritance
- Protective effects of vitamin D against environmental toxicants induced abnormalities/diseases

### **Research supervision**

#### ○ **Current postgraduate researchers (M.Sc. programme)**

##### **Role: Principal Investigator/supervisor**

1. **Suliman M. Shalabi**. The Effects of Black Seed (*Nigella sativa*) Oil Extract on Sperm Parameters and Testicular Architecture of Mice
2. **Zaynab Osama Alshibani**. Histone deacetylase inhibitors "valproic acid" as a potential therapeutic for Bisphenol A Induced Liver Abnormalities
3. **Zohour M. Marwan**. Protective role of vitamin D against bisphenol A induced abnormalities in mice
4. **Sohaila Zaid**. Effect of vitamin D on early exposure bisphenol-A induced oxidative liver in mice
5. **Nuha Almahdani**. Possible Link between Polymorphisms in Adiponectin (ADIPOQ) and Resistin (RETN) Genes and Development of T2DM in a Population of Tripoli, Western Libya
6. **Asma Alshreef**. Association between adiponectin (ADIPOQ) and resistin (RETN) Gene Polymorphisms & T2DM in a Population of Tripoli, Western Libya

##### **Role: Co-Investigator/ supervisor**

7. **Hanan N. Balog**. Actions of vitamin D on early-life exposure to bisphenol A (BPA) induced spleen damage in murine animal model

#### ○ **Former postgraduate researchers (M.Sc. programme)**

##### **Role: Co-Investigator/ Co-supervisor**

1. **Najah A. Fares**. (2016). CYP1A1 genetic variations and lung cancer risk in a population of Libyan males.
2. **Amal E. Elarifi**. (2015). molecular analysis of TAL1 gene mutations in individuals with T-ALL and T-NHL.
3. **Ashrf Aboaleid**. (2014). Using of short tandem repeats (STR) in an identification of human remains in some mass graves in some Libyan cities.

### **Research publications: (37 Total)**

1. **Al-Griw, M.A.**, Salter, M.G., Wood, I.C. (2021). Inhibition of ionotropic GluR signaling preserves oligodendrocyte lineage and myelination in an ex vivo rat model of white matter ischemic injury. (**In press**).

2. **Al-Griw, M.A.**, Salter, M.G., Wood, I.C. (2021). Blocking of NF- $\kappa$ B/p38MAPK pathways mitigates oligodendrocyte pathology in a model of neonatal white matter injury. *Acta Neurobiol Exp.* (*In publication*).
3. **Al-Griw, M.A.**, Marwan, Z.M., Hdud, I.H., Shaibi, T. (2021). Vitamin D mitigated adult onset diseases in male and female mice induced by early-life exposure to endocrine disruptor BPA. (*In press*).
4. **Al-Griw, M.A.**, Alshibani, Z.O., Alghazeer, R.O., Elhensheri, M., Tabagh, R.M. HDAC2 inhibitor valproic acid attenuates liver pathology induced by bisphenol A in male mice: potential epigenetic mechanism. (*In press*).
5. **Al-Griw, M.A.**, Shalabi, S.M., Alghazeer, R.O., Elnfati, A.H., Treesh, S.A., Benjama, A.E. (2021). *Nigella sativa* oil alleviates mouse testis and sperm abnormalities induced by BPA: potentially via redox homeostasis?. (*In press*).
6. **Al-Griw, M.A.**, Alghazeer, R., Ratemi, H.W., Ben-Othman, M.E., Shamlan, G., Habibullah, M.M., Eskandrani, A.A., Alnajeebi, A.M., Babteen, N.A., Alansari, W.S. (2021). Blockade of L-type Ca<sup>++</sup> channel activity alleviates oligodendrocyte pathology following brain injury in neonatal rats. (*In press*).
7. **Al-Griw, M.A.**, Shmela, M.E., Elhensheri, M., Bennour, E.M. (2020). Histone Deacetylase Inhibitor MI192 Mitigates Oligodendrocyte Lineage Cell Loss and Reduces Microglial Activation after Brain Injury: A Potential Role of Epigenetics. (*In press*).
8. **M.A. Al-Griw**, R.O. Alghazeer, N.M. Salama, B.A. Lwaleed, A.A. Eskandrani, W.S. Alansari, A.M. Alnajeebi, N.A. Babteen, A. Hakim Elnfati. (2020). Paternal bisphenol A exposure induces testis and sperm pathologies in mice offspring: Possibly due to oxidative stress?, *Saudi Journal of Biological Sciences*. 28 (2021) 948-955. <https://doi.org/10.1016/j.sjbs.2020.11.003>
9. **M.A. Al-Griw**, R.O. Alghazeer., N. Awayn., G. Shamlan., A.A. Eskandrani., A.M. Alnajeebi., N.A. Babteen., W.S. Alansari. (2020). Selective Adenosine A<sub>2A</sub> receptor inhibitor SCH58261 reduces oligodendrocyte loss upon brain injury in young rats, *Saudi Journal of Biological Sciences*. 28 (2021) 310-316. <https://doi.org/10.1016/j.sjbs.2020.09.063>
10. Rabia Alghazeer, Sana Elgahmasi, Badriyah Aljazzaf, Wafa S. Alansari, **Mohamed Al-Griw**, Maamar Sidati, Dana Altarah, Mohamed Elhensheri, Abdul Hakim Elnfati<sup>5</sup>. (2020). Investigation of the potential anti-fertility activity of *arbutus pavarii* in male mice. *Acta Poloniae Pharmaceutica*. 77(5): 725-735. <https://doi:10.32383/appdr/127965>
11. Nasef, A, **Al-Griw M.A.**, Taguri, A.E. (2020). Improving Quality of Education in Extreme Adversities - The case of Libya. *J Biol Med* 4(1): 006-011. DOI: <https://dx.doi.org/10.17352/jbm.000020>
12. Al-mijrab, A.S.A., Elgharib, M.E., **Al-Griw, M.A.** (2019). Critical success factors of ISO/IEC 17025 implementation within Arabic Countries: A Case Study of Libyan Research Centres and Laboratories (LRCL). 23<sup>rd</sup> International Conference on ISO & TQM 23-ICIT. BNU/HKBU-UIC, Zhuhai, CHINA.
13. المجرب، أ.ص.، الغرب، م.أ.، القريو، م.ع. (2018م). دور إدارة الجودة الشاملة في تحسين أداء مؤسسات التعليم العالي الليبي (مراجعة نظرية للدراسات السابقة للمؤسسات التعليمية). المؤتمر العلمي الرابع لجامعة النجم الساطع بعنوان (الإدارة الهندسية ودورها في تحسين الأداء المؤسسي). <http://fcem.bsu.edu.ly/>
14. Rabia Alghazeer, Sana Elgahmasi, Abdul Hakim Elnfati, Mohamed Elhensheri, **Mohamed A. Al-Griw**, Nuri Awayn and Mariuma El- Nami. (2018). Antioxidant Activity and Hepatoprotective Potential of Flavonoids from *Arbutus pavarii* against CCl<sub>4</sub> Induced Hepatic Damage. *Biotechnology Journal International*. 21(1):1-12.ea. DOI: [10.9734/BJI/2018/39528](https://doi.org/10.9734/BJI/2018/39528)
15. **Al-Griw, M.A.**, Treesh, S.A., Al-Ghazeer, R.O., Regeai, S.O. (2017). Environmentally toxicant exposures induced intragenerational transmission of liver abnormalities in mice. *Open Veterinary Journal*. 7(3): 244-253. <http://dx.doi.org/10.4314/ovj.v7i3.8>
16. Al-Griw, H.H., Zraba, Z.A., Al-Muntaser, S.K., Draid, M.M., Zaidi, A.M., Tabagh, R.M., **Al-Griw, M.A.** (2017). Effects of storage temperature on the quantity and integrity of genomic DNA extracted from mice tissues: A comparison of recovery methods. *Open Veterinary Journal*. 7(3): 239-243. <http://dx.doi.org/10.4314/ovj.v7i3.7>
17. Fares, N.A., El-Ansari, O.A., **Al-Griw, M.A.** (2017). *CYP1A1* Genetic Variations and Lung Cancer Risk in a Population of Libyan Males. *The Libyan Journal of Science*. 20(B): 1-15.
18. **Al-Griw, M.A.**, Wood, I.C., Salter, M.G. (2017). Cerebellar Organotypic Slice Culture System: A Model of Developing Brain Ischaemia. *Life Science Journal*. 14 (4): 89-98. <http://www.lifesciencesite.com>
19. Elarifi, A.E., El-Ansari, O.A., **Al-Griw, M.A.** (2016). Prevalence of Mutations in *TAL1* Gene in Individuals with T-ALL and T-NHL. *The Libyan Journal of Science*. 19B: 1-13
20. **Al-Griw, M.A.**, Al-Ghazeer, R.O., Al-Azreg, S.A., Bennour, E.M. (2016). Cellular and Molecular Etiology of Hepatocyte Injury in a Murine Model of Environmentally Induced Liver Abnormality. *Open Veterinary Journal*. 6(3): 150-157. DOI: <http://dx.doi.org/10.4314/ovj.v6i3.1>

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21. Aboaleid, A., Othman El-Ansari, O.A., **Al-Griw, M.A.** (2016). Genetic Diversity of 15 Autosomal Short Tandem Repeat (STR) Loci in a Population of Libya. *Journal of Basic and Applied Sciences*. 3(2): 24-31.
22. Aboaleid, A., Othman El-Ansari, O.A., **Al-Griw, M.A.** (2016). Anomalous Gender Assignment by the Amelogenin Sex Gene Test. *Journal of Basic and Applied Sciences*. 1(2): 12-15.
23. **Al-Griw, M.A.** and Wood, I.C. (2016). Histone Deacetylase (HDAC) Inhibition Induces Growth Arrest and Apoptosis in Human Medulloblastoma Cells. *Libyan J Vet Med Sci*. 1(1): 8-14.
24. Maamar, M.S., **Al-Griw, M.A.**, Al-Ghazeer, R.O., Al-Azreg, S.A., Salama, N.M., Bennour, E.M. (2016). Oxidative Stress Mediated Cytotoxicity of Trichloroethane in a Model of Murine Splenic Injury. *American Journal of BioScience*. 4(1) 1-8. doi: 10.11648/j.ajbio.20160401.11
25. **Al-Griw, M.A.**, Elnfati, A.H., Salama, N.M., Maamar, M.S., Treesh, S.A., Shaibi, T. (2015). Mode of Cell Death in Mouse Brain Following Early Exposure to Low-Dose Trichloroethane: Apoptosis or Necrosis. *American Journal of Biology and Life Sciences*. 3 (6) 232-240. <http://www.openscienceonline.com/journal/ajbls>
26. Elnfati, A.H. and **Al-Griw, M.A.** (2015). Possible Developmental Epigenetic Interaction Between Motifs and Histones of Human Sperm. Part I: Identification of Motifs Sequence Within Histones Enriched Chromatin. **Journal of Basic and Applied Sciences**. 21(1): 1-10.
27. **Al-Griw, M.A.**, Seham A. Al-Azreg, Bennour, E.M., El-Mahgiubi, A.A., Al-Attar, A.R. Salama, N.M., Elnfati, A.H. (2015). Fertility and Reproductive Outcome in Mice Following Trichloroethane (TCE) Exposure. *American Journal of Life Science Researches*. 3 (3) 128-138. [www.worldofresearches.com](http://www.worldofresearches.com)
28. **Al-Griw, M.A.**, Maamar, M.S., Salama, N.M. Algadi, L.N., Elnfati, A.H., Bennour, E.M. (2015). Maternal Exposure of Mouse to Low-Dose Trichloroethane is Associated with Increased Birth Weight and Early Neonatal Neurobehavioral Abnormalities. *American Journal of Biology and Life Sciences*. 3(6):206-210. <http://www.openscienceonline.com/journal/ajbls>
29. **Al-Griw, M.A.**, Salama, N.M., Treesh, S.A., Elnfati, A.H. (2015). Transgenerational Genetic Effect of Trichloroethane (TCE) on Phenotypic Variation of Acrosomal Proteolytic Enzyme and Male Infertility Risk. *International Journal of Genetics and Genomics*. 3 (5) 43-49. <http://www.sciencepublishinggroup.com/j/ijgg>
30. **Al-Griw, M.A.**, Salama, N.M., Treesh, S.A., Algadi, L.N., and Elnfati, A.H. (2015). Cell Death in Mouse Brain following Early Exposure to Trichloroethane (TCE). *International Journal of Advanced Research*. 3, 1424-1430. <http://www.journalijar.com>
31. **Al-Griw, M.A.**, Elnfati, A.H., Ali, M.M. (2014). Gene Delivery using Adenoviral Vector into the Organotypic Culture System of the Chick Retinae. *Journal of Basic and Applied Sciences*. 20 (1) 1-14
32. **Al-Griw, M.A.**, Elnfati, A.H., Embaia, W.M. (2014). Analysis of Libyan Family Pedigrees in Tripoli to Predict Obesity and Cardiometabolic Disorders in Adults. *Journal of Basic and Applied Sciences*. 20(1): 25-35.
33. **Al-Griw, M.A.** and G. Salter, M.G. (2014). Apoptotic Mechanisms Increased by GluT Inhibitor DL-TBOA following Brain Cellular Damage. *Journal of Basic and Applied Sciences*. 20 (1) 11-20
34. **Al-Griw, M. A.**, Wood, I. C, Salter, M. (2012). Molecular and Cellular Analysis of White Matter Ischaemic Injury. School of Molecular and Cellular Biology - Faculty of Biological Sciences - The University of Leeds. **PhD Thesis**.
35. **Al-Griw, M. A.** and EL-Ansari, O, A. (2008). Frequency of Mutations of Insulin Receptor (INSR) Gene among Some Libyan Subjects Suffering From NIDDM. *The Libyan Journal of Science*. (16A) 37-40.
36. **Al-Griw, M. A.** and EL-Ansari, O, A. (2007). Prevalence of Abnormal INSR Exon-13 in the some Libyan Patients with Type-II- Diabetes Mellitus in Tripoli. *Journal of Basic and Applied Sciences; National Academy of Scientific Research*. (17) 21-29
37. **Al-Griw, M. A.** and EL-Ansari, O, A. (2006). Detection of Mutations in Exon- 13 of the Human Insulin Receptor Gene among Some Libyan Patients with Type-II-Diabetes Mellitus. Faculty of Science, UoT, Tripoli, Libya. **MSc. Dissertation**.

## I. Invited symposia and plenary lectures

- |               |   |
|---------------|---|
| Oct 18, 2020  | <u>Lecture title:</u> Principles of management and strategic planning, UoT, Tripoli, <u>Libya</u> .   |
| June 15, 2020 | <u>Lecture title:</u> Internal Auditing and Self Study Report, Faculty of Medicine - UoT, Tripoli, <u>Libya</u> .                                 |
| July 6, 2019  | <u>Lecture title:</u> Stages of academic accreditation in university education, Faculty of Medicine, UoT, Tripoli, <u>Libya</u> .                 |
| Jan 28, 2019  | <u>Lecture title:</u> Role of students in applying the quality systems of education, Open Days, Faculty of Medicine, UoT, Tripoli, <u>Libya</u> . |
| Jan 2, 2019   | <u>Lecture title:</u> Self-study: Concepts and Mechanisms of Application, UoT, Tripoli, <u>Libya</u> .  |
| Dec 12, 2018  | <u>Lecture title:</u> University of Libya Rank: Road to Accreditation and Excellence, 3 <sup>th</sup> Scientific                                  |

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- Forum of the Faculty of Physical Education and Sport Sciences, University of Tripoli, Tripoli, [Libya](#).
- Nov 12, 2018 [Lecture title: Quality and accreditation in university education: the road to excellence, third medical research conference, Faculty of Medicine, UoT, \[Libya\]\(#\).](#)
- Jun 6, 2018 [Lecture title: The Role of student in applying the quality systems of education, UoT, Tripoli, \[Libya\]\(#\).](#)
- Jun 3, 2017 [Lecture title: University of Tripoli on the Path of Excellence, Presidency University, UoT, Tripoli, \[Libya\]\(#\).](#)
- May 11, 2017 [Lecture title: Scientific research strategies: prospects and challenges, Faculty of Science, UoT, Tripoli, \[Libya\]\(#\).](#)
- May13-15, 2017 [Lecture title: Strategies of Scientific Research at University of Tripoli, 1<sup>st</sup> International Conference of Libyan universities prospects and challenges strategies of scientific research, Maghreb Center on the Libyan Issues, \[Tunisia\]\(#\).](#)
- April 2, 2017 [Lecture title: International rankings: prospects and challenges, Presidency University, UoT, Tripoli, \[Libya\]\(#\).](#)
- Nov 14, 2016 [Lecture title: The Need for a Scientific Research Code of Ethics, Presidency University, UoT, Tripoli, \[Libya\]\(#\)](#)
- April 30, 2016 [Lecture title: Authorship, responsible conduct of science, Libyan Academy for Graduate Studies, Janzour, \[Libya\]\(#\).](#)
- April 04, 2016 [Lecture title: Responsible conduct of science, UoT, Tripoli, \[Libya\]\(#\).](#)
- April 23, 2016 [Lecture title: Authorship & research misconduct, Faculty of Science, UoT, Tripoli, \[Libya\]\(#\).](#)

### J. Conferences, Seminars and Workshops Attended:

- 24-28 Feb, 2021 [Workshop: Quality Standards in Higher Education. Institute of Business Administration Standards \(IBAS\).](#)
- 9 Dec, 2020 [Webinar: Quality Assurance in Higher Education & 5th Foundation Anniversary of Turkish Higher Education Quality Council \(THEQC\).](#)
- 26 Sept, 2020 [Workshop: Rubric-Based International Evaluator Training Program held online, Islamic Sciences Accreditation Agency, Turkey](#)
- Nov 2-3, 2019 [Training program: International accreditation and evaluator training program, Istanbul, Turkey.](#)
- July 8, 2019 [Workshop: Development of standards of programming and institutional accreditation, Faculty of Education/ Janzour - UoT, Tripoli, Libya.](#)
- Dec 3, 2018 [Workshop: Unraveling ABET accreditation criteria: hands-on steps for the implementation of continuous improvement processes, Amman – Hashemite Kingdom of Jordan.](#)
- Dec 2, 2018 [Conference: Quality, accreditation, and education, 10<sup>th</sup> Annual Conference of the Arab Organization for Quality Assurance in Education \(AROQA\), Amman, Hashemite Kingdom of Jordan.](#)
- Nov 5-8, 2018 [Workshop: Auditors in quality assurance and accreditation, National Center for Quality Assurance and Accreditation of Educational and Training Institutes \(NCQAETIs\), Tripoli, \[Libya\]\(#\).](#)
- Feb 15, 2018 [Workshop: Academic Accreditation Standards, UoT, Tripoli, Libya.](#)
- Nov 28, 2017 [Workshop: Quality assurance and academic accreditation in university education, UoT, Tripoli, \[Libya\]\(#\).](#)
- Nov 05-14, 2017 [Workshop: Teaching & learning in higher education module, University of Southampton, Southampton, UK](#)
- April 11, 2017 [Symposium: Qualification of national institutions for ISO, Taj Arruqey Academy for Training, Development and Consulting, Tripoli, Libya.](#)
- Jun 11-12, 2016 [Workshop: Authorship and misconduct, 3<sup>rd</sup> MENAIII Educational Institute on Responsible Science Reunion, The US National Academy of Sciences, Istanbul, Turkey.](#)
- May 30 – Jun 2, 2016 [Workshop Potentially of university teaching management \(PUTM\), Research, Consulting and Training Center, UoT, Tripoli, Libya.](#)
- April 4-11, 2016 [Workshop: Responsible conduct of science \(RCS\), UoT, Tripoli, Libya.](#)

## June 10, 2020

June 1, 2015	<u>Symposium</u> : Vitamin D and its relationship to human health, Faculty of Science, UoT, Tripoli, Libya.
May 9-14, 2015	<u>Workshop</u> : Responsible science, US National Academy of Sciences, Istanbul, Turkey.
July 12, 2013	<u>Workshop</u> : Establishment of Libyan cancer genomic research program (CGRP), at Biotechnology Research Centre (BTRC), Tripoli, Libya.
21-23 April, 2013	The 6th National <u>Conference</u> of Biotechnology Research Centre (BTRC), Misrata, Libya.
June 25, 2012	<u>Workshop</u> : Fast Train: Cell Culture Techniques, at XCellR8 Ltd, Core Technology Facility, Manchester, UK.
June 14-15, 2012	<u>Conference</u> : Apoptosis and Cancer, Abcam®, Cambridge, UK.
Nov 25, 2011	One Day <u>Workshop</u> : Leeds Imaging and Flow Cytometry, University of Leeds, Faculty of Biological Science, Leeds, UK.
Oct 06, 2011	<u>Workshop</u> : Fast Train: Cell Culture Techniques, at XCellR8 Ltd, Core Technology Facility, Manchester, UK.
Sept 5, 2011	<u>Workshop</u> : Ion Channel, at University of Leeds, Faculty of Biological Science, Leeds, UK.
2010 & 2011	<u>Symposium</u> , University of Leeds, Leeds, UK.
Sept 20, 2010	<u>Workshop</u> : Flow Cytometry, at University of Leeds, Faculty of Biological Science, Leeds, UK.
April 2007	<u>Conference</u> : The 50 <sup>th</sup> Anniversary of Faculty of Science, UoT, Tripoli, Libya.
June 4-6, 2006	<u>Conference</u> : The 4 <sup>th</sup> National Conference of Biotechnology Research Centre (BTRC), Benghazi, Libya.
June 12-23, 2005	<u>Workshop</u> : Real-time PCR Training Course, Biotechnology Research Centre (BTRC), Tripoli, Libya.

## K. Referees

– Available upon request.