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Full Professor, Human Anatomy and Radiology | Researcher | Author

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PROFESSIONAL PROFILE:

A lifelong advocate for innovative medical health sciences education with 45+ years of experience contributing to instructional innovations to many modern anatomy departments. An accreditation consultant to colleges of medicine, worked as an external examiner on the consultancy boards, in committees of ministries of health and higher education. An expert with a track record of focusing on impact using multidisciplinary, intersectional and right-based approaches. A leader, active member in committees which established many medical colleges and universities. Adept in designing, implementing comprehensive curriculums that meets specific goals, education requirements and standards. I have worked in universities in Zanzibar, Tanzania (2021); Saudi Arabia (2003-2005 & 2016), Sultanate of Oman (1989-1994) and Sudan (1978-1988). I established the National University-Sudan, (2005), to become the only university in Sudan accredited by the British Accreditation Council [BAC] since 2015; worked as vice chancellor of a public university (1998-2003); served as the undersecretary of the federal ministry of health (1996-1998); dean of a public medical college (1994-1996), was promoted to full professor by the University of Gezira, Sudan in 1991. An accomplished researcher and author; have published 6 books; 5 in human morphology and 1 in ultrasonography. Over 75 articles in international journals with over 1500 citations, (October 2020) in the areas of interest; human anatomy, diagnostic radiology and medical education. Some publications are the outcome of multinational research projects and grants, investigated altered human morphology in tropical medicine using diagnostic imaging, mainly ultrasound. As a group, a principal ultrasound investigator, we made breakthroughs in ultrasound phenotype and genotype characterisation of tropical diseases' susceptibility/resistance in, schistosomiasis, published on 3D-CT in skull base fractures and temporal bone imaging. I have attended, presented in number of conferences and workshops. I continue to teach human clinical anatomy, diagnostic imaging including; neurology, oral and maxillofacial imaging. A fellow of the Royal College of Physicians of Edinburgh UK, 2012.

NOTABLE ACHIEVEMENTS:

- Led faculty of medicine and surgery, National University to World Federation for Medical Education accreditation in 2022. Supervised over 400 Masters and 20 PhDs in Human Anatomy. Google Scholar rank #1 in own institution, #19 in Sudan, with h-index of 20 and over 1700 citations.
- Pioneered establishment of 3 medical colleges in Sudan, assisted in establishing 4 other colleges and one in Saudi Arabia.
- Established the National University, Sudan [NUSU], as a private institution in 2005. Lead the institution to ISO-certification in 2009, BAC accreditation in 2015 and 2018.
- Acted as dean and president for over 15 years. NUSU included, so far, 12 colleges, 23 undergraduate programs, 31 postgraduate programs, 399 academic staff, 887 courses, around 7000 students of whom 4% are international from 26 countries. Signed over 20 memoranda of understanding between NUSU and local and international institutions.
- Developed a method to ensure implementation of academic calendar, timetables, compliance of academic staff the strict times and topics of instruction at NUSU. Encouraged local medical colleges in the neighborhood to legislate transfer of credits to facilitate students missing common courses or exams.
- Set criteria to ensure smooth running of the educational instruction in difficult times: 4-years of political instability and COVID restrictions.
- Established publication of a quarterly medical journal [Sudan Medical Monitor] in 2006.
- First, in Sudan, to; introduce behavioral science (2005) and medical professionalism (2008) in a medical school curriculum; First, in Sudan, to publish in paper and online: (1) University By-Laws and (2) Policies and Procedures, which include all relevant governing documents and guidelines for quality education; First to include grade descriptors and assessment framework in the curriculum document of a medical faculty; First, in Sudan, to define criteria for free admission and management of poor patients who visit the university hospital.
- Sketched the unique design and established a 300-bed university hospital offering services to middle- and low- income population. Its emergency and casualty department as the only available facility serving an area south of Khartoum extending for around 150 km, inhabited by around 3 million people.
- Published a bilingual text of clinical human anatomy, to improve understanding of medical and allied science students.
- Established National University Biomedical Research Institute [NUBRI] with strong emphasis and input in genetics and bioinformatics, and establishment of the first bioinformatics laboratory and higher degrees in the Sudan.
- Sketched the octagonal design of Albagair Hospital and supervised all steps of licensing and construction. First, in Sudan, to introduce behavioral science (2005) and medical professionalism (2008) in a medical school curriculum.

PROFESSIONAL EXPERIENCE:

President, Professor of Human Anatomy and Radiology National University, Khartoum, Sudan	February 2022- May 2023
Vice-chancellor, Zanzibar University, Tanzania (short term assignment)	April 2021-December 2021
President, Professor of Human Anatomy and Radiology, National University, Khartoum, Sudan	May 2017-April 2021
Professor and Accreditation consultant, College of Medicine, Dar Alu loom University, Riyadh, Saudi Arabi	October 2016-February 2017
President, Professor of Human Anatomy and Radiology National University, Khartoum, Sudan	2014-2020
Founder, Dean, Professor of Anatomy and Radiology National College for Medical and Technical Studiers, Khartoum Sudan	2005-2014
Professor of Radiology and Anatomy Qassim University, Buraida, Saudi Arabia	2003-2005
Vice Chancellor, Professor of anatomy and radiology Alzaiem Alazhari University, Sudan	1998-2003
Undersecretary, Federal Ministry of Health, Sudan	1996-1998
Dean and Professor of anatomy and radiology, Faculty of Medicine, Omdurman Islamic University	1994-1996
Associate Professor, Sultan Qaboos University- Muscat Promoted to Full Professor by University of Gezira, 1991	1988-1994
Assistant Professor, King Faisal University, Dammam	1988-1988
Lecturer, University of Gezira Promoted to Associate Professor, 1986	1985-1988
Postgraduate student, Radiology, University of Alexandria Masters in Radiodiagnosis, 1985	1983-1985
Lecturer, University of Gezira	1981-1983
Part-time lecturer of human anatomy Medical student in the clinical years to obtain MB BS [1981]	1978-1981
Teaching assistant, University of London, Guy's Hospital Medical School, for PhD in Human Anatomy,	1974-1978

EDUCATION:

- **MSc Master of Medical Radiological Diagnosis (MMRD),** University of Alexandria, Egypt, May 1983- May 1985. Registered since June 1985 in the Sudan Medical Council, as "consultant" in radiology
- **PhD, Doctor of Philosophy, Human Anatomy and Experimental morphology,** Guy's Hospital Medical School, University of London, UK December 1974- April 1978
- **MB BS., Bachelor of Medicine and Surgery,** University of Khartoum, Sudan, July 1970-March 1974 and July 1978- April 1981. 1974-1978 is the gap spent on PhD in London.
- **B.Sc., Bachelor of Science, Human Anatomy:** University of Khartoum, Sudan, July 1970- November 1974

CONTRIBUTIONS TO GRADUATE EDUCATION SUPERVISED: MSc, PhD, MD

CURRENTLY SUPERVISING-PhDs: 10 PhD students on Human Clinical Anatomy at the National University, Sudan

- 5.10 **MD: Abdulmalik A. Qais (2001):** Prof. of Radiology. Sanaa University, Yemen
- 5.9 **PhD: Amir M. Ali (2011):** Associate Prof. Taiba University, Saudi Arabia
- 5.8 **PhD: Amal Yousif A. Elhaj Mustasfa (2012):** UmAlqura University, Saudi Arabia
- 5.7 **PhD: Saadeldin A Idris (2017):** Prof. Al-Zaiem Al-Azhari University, Sudan
- 5.6 **PhD: Alghzaly ARahim Akhair (2015):** Associate Prof. Omdurman University, Sudan
- 5.5 **PhD: Ietidal ARahman M. Ahmed (2016):** Assistant Prof. Najran University, Saudi Arabia
- 5.4 **PhD: Tariq Gasim M, Alarabi (2017):** Associate Prof. National University, Sudan
- 5.3 **PhD: M. Abdalla A. Ibrahim (2017):** Shagra University, Saudi Arabia
- 5.2 **PhD: Ammar M.A. Mohammed (2017):** Assistant Prof. Shagra University, Saudi Arabia
- 5.1 **PhD: Abulqasim M.B. Siddiq (2016):** Assistant Prof. King Khalid University, Saudi Arabia
5. **PhDs and MDs in Human Anatomy and Diagnostic Imaging**
4. **3 Master's Degree in Diagnostic radiography,** Sudan University of Science and Technology
3. **150 candidates are studying currently to finish within few months**
2. **250 Master's Degree in Human Anatomy- joint program of** University of Gezira and National University
1. **65 Master's Degree in Human anatomy,** Al Zaeim Al Azhari University. **I initiated the program at that university**

CONTRIBUTIONS TO CURRICULUM DESIGN AND REVISIONS:

1. Designed the medical curriculum of "College of Medicine, Bisha University, Saudi Arabia, 2015
2. Member of the Committee on Health Sciences, appointed by Minister of Higher Education and Scientific Research to recommend approval or disapproval of establishment or expansion of medical and health sciences colleges (2010).
3. Contributed to the design or revision of medical curricula in the University of Khartoum, A, Gadarif University, Academy of Medical Sciences and Technology, Ribat National University (medical, nursing and radiography)- from 2005-2010.
4. Contributed to the design of the curriculum of the School of Dentistry, International University of Africa, Sudan (2007).
5. Reviewed the curriculum of Faculty of Medicine, West Kurdufan University, Sudan, as head of committee appointed by Ministry of Higher Education (2006).
6. Contributing to the design of the curriculum of the College of Medicine in Qassim, Saudi Arabia, with Prof. Bashir Hamad and other experts (2004).
7. Designed, as a head of a curriculum committee, with Prof. Bashir Hamad and other experts, courses of Faculty of Medicine and Health Sciences, African International University, Khartoum, Sudan (1996).
8. Co-ordinated imaging anatomy and neuroanatomy, Department of Human and Clinical Anatomy, College of Medicine, Sultan Qaboos University. Oman.- Also co-ordinated courses on Alimentary system (1988/89), Urinary system (1989/90) and Respiratory system (1990/91/93), Central Nervous System 1989, 1990, 1992.
9. Site supervisor, MD graduation project "attitudes of students and teachers towards medical education in Gezira and Khartoum, Sudan" by C. Fromm and T. Svendsen, University of Lund, Malmo, Sweden, 1986.
10. Designed "Anatomy Content Questionnaire" and "Problem-based learning of the Nervous System" at the Center for Education Development, Chicago, as proposals for curriculum content research, reported to sponsor (WHO- EMRO), in 1982.
11. Co-ordinator and first designer of numerous courses (201,520,431,430), Faculty of Medicine, University of Gezira, Sudan.
12. Designed, curriculum of Master Degree in Human Anatomy, Alzaeim Al Azhari University, graduated two batches of 30 MScs, each, still in operation.
13. Edited the outlines of the curriculum "Prospectus" of the National University, Khartoum, Sudan [about 300 printed pages], including medical, dental, radiography, nursing, medical laboratory sciences and physiotherapy.
14. Wrote the "Students' Manual", National University, Sudan [about 70 printed pages]
15. Wrote the "Staff Handbook", National University, Sudan [about 40 printed pages]
16. Wrote the "Job Descriptions for Higher Education Employees -in press [about 200 printed pages]

CERTIFICATIONS, COURSES, RELEVANT TRAININGS AND WORKSHOPS:

- FRCPE Fellowship of the Royal College of Physicians of Edinburgh, UK, qualified in May 2012
- First workshop on current trends in medical education; King Saud University, Riyadh, Saudi Arabia, October 2003
- International Ultrasound Seminar, Jefferson Ultrasound Research and Education Institute, Alzaeim Alazhari University, Sudan, July, 2003.
- Electronic Theses and Dissertations: Worldwide, Berlin- Germany 21-24, May 2003
- International Ultrasound Seminar, Jefferson Ultrasound Research and Education Institute, Dubai, UAE, April, 2003
- International Breast Ultrasound Seminar, Berlin, Germany, June 30- July 2nd 2001.
- Guest speaker on neuro-radiology, to Sudan Centre for Neurosciences (SCNS), Khartoum, Sudan, 1995-2003
- Guest speaker, pediatric radiology, to Pediatric Grand Round, Faculty of Medicine, University of Khartoum, 1995-2003
- Echocardiography, course at Facultie de Medicine, Marseille, with Prof. Habib, August, 1996
- Segregation analysis, and genetics, Marseille, with prof. Alain Dessein, August, 1997
- 3D-CT and MRI courses in Department of Neuroradiology, Medicinische Hochschule Hannover, Germany, 1995 and 1997, with Prof. H. Becker. This resulted in two papers (see publication on 3D-CT)
- Speaker, Monthly Clinical Forum, Continuing Medical Education Committee, Royal Hospital, Sultanate of Oman, 1991-1994.
- "State of the Art Lecture" on "Temporal Bone Radiography", King Fahad University Hospital, Al-Khobar, March 1988
- British Council Course 639 "Expanding Horizons of Diagnostic Ultrasound" London, November. 1986
- Organiser, Workshop on Evaluation of Students, University of Gezira, Wad Medani, Sudan, June 23-24, 1986.
- Organizer, Workshop on Curriculum Timetable and Evaluation, Faculty of Medicine, University of Gezira, Wad Medani, Sudan, October 17-18, 1985.
- Certificate, Medical Registration as Consultant in Diagnostic Radiology; Sudan Medical Council issued, 1985
- Workshop for Reviewing Curriculum and Organisational Structure, Faculty of Medicine, University of Gezira, Wad Medani, Sudan, October, 1982.
- WHO Fellowship in Health Professionals Education, Center for Education Development, University of Illinois, Chicago, March -June 1982. Attended extra-courses on "program Evaluation", and "Instructional Techniques".
- Certificate, full registration medical practitioner: Sudan Medical Council issued, May 1982
- International Societies Workshop on Medical Education, McMaster University, Hamilton, Ontario, Canada, May, 1982

SYMPOSIUM, CONFERENCES AND PRESENTATIONS:

1. **B. AbdulKarim, Ali QM.** Presentation: Harnessing e-learning for higher education in Sudan. 11th Conference on ICT for Development, Education and Training, African Development Bank, 24-26 May 2016, Cairo
2. **AE. Mokhtar, WM. Mustafa and QM. Ali.** Fetal biometry of pregnant women in Khartoum State, Central Sudan Najran Univ. Col. of Med. and Natl. Univ. Fac. of Med. Experimental Biology: American Association of Anatomists. April 26-30, 2014 – San Diego Convention Center.
3. **Ali QM.** Readiness for another epidemic: Ebola. African Development Bank, May 2015, Abidijan, Ivory Coast. Invited Panelist to the meeting.
4. Islamic World Academy of Sciences meeting in 2006 (Turkey), 2008 (Tatarstan), 2009 (Selangor Malaysia) and 2011 (Doha, Qatar).
5. **Ali QM, Sidahmed AO, Elhassan HM.** Quality of education: how to assess customer satisfaction? How relevant is the ISO 9001-2008 to educational quality assessment. Islamic World Academy of Sciences (IAS), 17th Scientific Conference, 14-17 December 2009, Shah Alam/Selangor, Malaysia
6. **Ali QM.** The frontiers of health sciences, services and research: what is relevant? Islamic World Academy of Sciences (IAS), 16th Scientific Conference, 25-25 August, 2008, Kazan, Tatarstan.
7. Ebombou C, Elwali NE, Chevillard C, Bream GH, Henri S, Mirghani A, Argiro L, Magzoub MMA, Young HA, **Ali QM**, Dessein A. IFH-gamma polymorphism are associated with server hepatic fibrosis in human hepatic schistosomiasis (*Schistosoma mansoni*). Medicine and Health in the Tropics Congress 11-15/9/2005, Marseille, France, presented by C Ebombou
8. **Ali QM.** Research oriented medical curricula. Islamic World Academy of Sciences (IAS), 15th Scientific Conference, 7-10 November 2006, Shah Ankara, Turkey
9. Ebombou C, Elwali NE, **Ali QM**, Gallian P, Rahoud S, Mirghani A, De Lamballerie X, chevillard C, De Micco P, Dessein A. Co-infection of hepatitis C but not hepatitis B virus C aggravated hepatic periportal fibrosis, portal hypertension and splenomegaly in Sudanese population infected with *Schistosoma mansoni*. Medicine and Health in the Tropics Congress 11-15/9/2005, Marseille, France, Presented by NE Elwali

10. Rahoud S, Mirghani A, Elwali NE, Khamis A, Saeed OK, Dessein A, **Ali QM**. Application of molecular techniques to study factors controlling reversibility of hepatic fibrosis induced by *Schistosoma mansoni* infection in Central Sudan. Volkswagen Foundation Workshop "from African Bench to Patients and Populations" 18-22/4/2004, Accra, Ghana, Presented by S Rahoud
11. Rahoud, S, **Ali QM**, et al., Factors controlling the reversibility of liver fibrosis in *Schistosoma mansoni* infected subjects after praziquantel treatment. Science Conference 2003, Seiyon, Yemen, 11-13 October 2003, presented by Rahoud.
12. **Ali QM**, et al. Genetic Susceptibility to Schistosomiasis manoni, Studies in Sudan, Presented in : Schistosomiasis in Oman, Salalah, Sultanate of Oman, 26/9-2/10/2002
13. Elwali NE, **Ali QM**, Abdelhameed AA, Mirghani A, Rahoud S, Saeed OK. Magzoub MMA, Desseub AJ. Genetic control of liver fibrosis in schistosomiasis mansoni infected patients. 2nd conference in Medical and biological Sciences, 24-26/4/2001, Zarga, Jordan,
14. Dessein, A, **QM Ali**, et al. Genetic susceptibility/resistance to schistosomiasis, Conference Philippe Laudat 1999, Aix Les Bains, France 14-18 November, 1999
15. **Ali QM**, The importance of accurate definition of clinical phenotype in genetic studies concerning SM2, Marseille, INSERM UNIT 399, 21-23 November 1999.
16. **Ali QM**, Ali TO, Dissanyka A. Learning preferences of Sultan Qaboos Medical Students, relevance to educational philosophy. Presented at the International Symposium of Student Assessment, Penang, Malaysia, January 1993
17. Ali QM, Dietrich B, Becker H. Clarity and patterns of skullbase fractures: a three-dimensional computed tomographic study. Presented at the First Radiological Update of Oman, Muscat, February 1993.
18. Doehring E, Abdel Rahim IM, **Ali QM**, Schlake J, Franke D, Kardorff R, Ehrich JHH. Ultrasound versus clinical examination for *Schistosoma mansoni* morbidity in children. Presented at the XIIIth International Congress for Tropical Medicine and Malaria, Thailand, November, 1992, presented by Doehring.
19. **Ali QM**, **A.Y. Hassan**, **M. E. Baraka**. Radiographic anatomic variations in the maxillary sinus. Proceedings of the First Afro-Asia Oceania Congress of Anatomists. New Delhi, August 1988 P. 271.
20. **Ali QM**. Sonographic characteristics of Schistosomiasis mansoni in adults. 2nd Oman International Conference on Gastroenterology, March 1990= paper published on the Oman Newsletter
21. **Ali QM**, I. M. Abdel Rahim, E. Doehring, D. Franke, R. Kardorff, M. El-Sheikh, J. H.H. Ehrich. Haydar E Babiker, Ultrasonographic evaluation of gallbladder function in patients with hepatosplenic schistosomiasis. 2nd World Congress of Ultrasound in Developing Countries. Kuala Lumpur, Nov 1989, P. 100.
22. **Ali QM**, E. Doehring, F. E. Showgi, I. M. Abdel Rahim, R. Kardorff, D. Franke, M. Dittrich, J. H. H. Ehrich. Ultrasonography under tropical conditions: The cost of alternative radiologic procedures. 2nd World Congress on Ultrasound in Developing Countries. Kuala Lumpur, Nov 1989. P.124.
23. Doehring, E IM Abdel Rahim **Ali QM**, R. Kardorff, D. Franke, M. El-Sheikh, J.H.H. Ehrich. Morbidity of *Schistosoma mansoni* infection in childhood, assessed by ultrasonography. 12th International Congress of Tropical Medicine and Malaria. Amsterdam, 1988, presented by Doehring.
24. Franke, E. Doehring, I. Abdel Rahim, **Ali QM**, Ch. Kaiser, M. El-Sheikh, J. H.H. Ehrich. Results of 859
25. sonographical examinations at a regional hospital under tropical conditions. Congress of the American Society of Tropical Medicine and Hygiene, Washington, 1988, presented by Kaiser.
26. Kardorff, E. Doehring, I. Abdel Rahim, **Ali QM**, Ch. Kaiser, M. El-Sheikh, J.H.H. Ehrich. Ultrasonographic evaluation of Morbidity induced by *Schistosoma mansoni* infection in childhood. Congress of the American Society of Tropical Medicine and Hygiene, Washington, 1988, presented by Kardorff.
27. El-Sheikh, I. Abdel Rahim, **Ali QM**, Ch. Kaiser, E. Doehring, J. H. H. Ehrich. Renal function in Sudanese schoolchildren with *Schistosoma mansoni* infections. Arabian Congress of Parasitology, Cairo 1988. P. 102
28. AM Abdel Rahim, **Ali QM**, E. Doehring. Reversibility of lesions following treatment of *Schistosoma mansoni* as assessed by ultrasound. 12th Conference of Sudanese Physicians, Khartoum 1988
29. **Ali QM**, I. Abdel Rahim. Ultrasound morphology and biometry in Sudanese adults with *Schistosoma mansoni* infection. 12th Conference of Sudanese Physicians, Khartoum, 1988, presented by Abdel Rahim.
30. Seefelt, M, **Ali QM**, A.S, Mustafa, B. O, Ahmed. A community-based programmed evaluation of medical school programme at Gezira University. Proceeding of the Biennial Symposium of the Network of Community Oriented Educational Institutions for Health Sciences. Bangkok, Thailand, 1987
31. **Ali QM**, Artifacts in obstetrical and gynecological ultrasonography. 10th Conference of the Obstetrical and Gynecological Society of Sudan. Khartoum, March 1987
32. **Ali QM**. Evaluation of anatomy content in an integrated curriculum. Paper proceedings of the International Conference on Medical Education, PP 144-147. University Sains Malaysia, Kota Baharu, Klantan, Malaysia, 1986.
33. **Ali QM**, Radiological anatomy of the temporal bone. Proceedings of the 23rd Conference of the Sudan Society of Surgeons. Wad Medani, Feb. 1986.

AWARDS AND HONOURS:

- External Examiner External Examiner at Sultan Qaboos University, Sultanate of Oman 2012-2014, National Ribat University Sudan 2013-2015, and Orotta Medical College in Eritrea, 2016.
- Certificate of Achievement, from Chairperson of Board of Trustees, National University, Sudan, for the initiation and completion of the University project. October 2016
- Winner of the 2004 Prize of Martyr Zubair Trust, Sudan, for best published work- "Routine Ultrasonography"
- published in USA
- Member (elected) of the Executive Board- Association of Arab Universities, representing Sudanese universities, Association of Arab Universities, Jordan, 2000-2003
- Elected as "Fellow of the Islamic Academy of Science" (FIAS) October 2001, One of about 100 members worldwide scientists, and the only physician among only 3 Sudanese scientists. The headquarters of this organization is Jordan, presided by Prof. A Salam Almajali, former prime minister of Jordan.
- Local Honors, Honored by the "FIRST CLASS Republic Medal" – Sudan, June 2000, the highest medal offered to medical academics, by the President of the Sudan, for the book on "Neurological Anatomy".
- Arab Medical Doctors' Union Prize for the best published work in 1999. Prize is offered by the President of Republic of Algeria, for the bilingual book "Human Functional Anatomy".
- Honorary Fellowship: From the Principal of the National University, and Director of National University Biomedical Research Institute [NUBRI], for the establishment, staffing and funding of the institute.
- Certificate of Appreciation: from the State Ministry of Health, Gezira, Sudan, for role social responsibility in recruiting international teams for the investigation and management of schistosomiasis in the Gezira State.
- Editor-in-Chief, Sudan Medical Monitor, ISSN 1858-5000. Member (appointed) of the Editorial Boards of: [1] Sudan Medical Journal, [2] Gezira Medical Journal, and [3] the Medical Journal of the Islamic World Academy of Science, Turkey. (ISSN 10163360), sponsored by the Organization of the Islamic Conference Standing Committee of Scientific and Technological Co-operation (COMSTECH).
- Best Teacher Prize awarded by students of Sultan Qaboos University, in and 1992 and 1993
- EARLY ACADEMIC CAREER: At the start of career, the first and only student to be selected from intermediate level of medical school to do BSc human anatomy, at the University of Khartoum, appointed as teaching assistant and accepted immediately at the University of London to do PhD. The first Sudanese student who obtained a Ph.D. in human anatomy and experimental morphology before the age of 27

PUBLICATIONS:

BOOKS AND MANUALS:

1. Translated two books *Age Proof* and *Psychology of Stupidity* to Arabic, under National University Publishing House
2. UNIVERSITY MANUALS Edited
 - Undergraduate Prospectus: 367 pages, ISBN: 978-99942-841-1-8, Staff Manual: 44 pages ISBN: 978-9994-2556-8-9
 - Student Manual: 63 pages: ISBN: 978-9994-2367-1-8, Job Description for Higher Education Positions [in press]
3. **Guide to Practical Human Anatomy.** With Amani A Elfaki and others, under publications by the National University Publishing House, due before June 2019. ISBN:978-99942-0-252-2
4. **Alaa Aktfihim (أكتافهم على)**: ÖN THEIR SHOULDERS: an Autobiography: National University Publishing House, 2015. ISBN: 978 9994 240159.
5. **Fiqultabib (الطبيب فقه)**: Omer A Musa, Ali A/Raman, Osman Taha, Qurashi M. Ali, Ali Alwan. A Muslim Doctor Manual of Professional Ethics. IN ARABIC. Ministry of Higher Education Publications. 2010. A book that discusses controversies in clinical medicine that would face a Muslim medical practitioner.
6. **Human Functional Anatomy (Bilingual Arabic- English Textbook)**, with TO Ali, Published by Modern Technical Centre-Damascus 1997, Local 1-611, ISBN; 99942-841-2-6, 670 pages. This has been honored by the Arab Doctors' Union, as the best published work in 1999, and won the prize offered by the Algerian President, in April 1999. Being the first Bilingual (Arabic-English) Anatomy Textbook in the world, It is now considered by the Ministry of Higher Education in the Sudan as the official textbook in medical and paramedical schools, and distributed 1000 copies.
7. **Routine Ultrasonography**, Vantage Press, New York, 1993, ISBN 0-533-10260X . Reviewed 5830 times. The first book on general ultrasound, written by a Sudanese, and published in the United States. Now the official textbook of ultrasound in the Faculties of Radiological Sciences, Sudan University of Science and Technology, Alzaeim Alazhari Univeristy, National College and Ribat National University. Currently out of print, students are using the free online PDF version. A new edition is being prepared.
8. **Neurological Anatomy**: MacMillan (India), Delhi, 1992, ISBN 0333-92618-8.The second neuro-anatomy textbook (the first by A. Afifi in America) written in the Arab World, and internationally published. Now the official textbook of neuro-anatomy in all Sudanese universities), an updated edition has been published in 2006.
9. **Human Clinical Anatomy**: Review Questions, Vantage Press, New York, 1991 ISBN number 533-09390- 2.

PUBLISHED PAPERS:

1. Abdelsalam AA Ahmed, **QM Ali**. An unusual median nerve formation; A case report and literature review. *Anatomy Journal of Africa*, 11, (2), 2193-2196
2. Siddig A.Rahoud, Adil Mergani, Ammar H. Khamis, Osman K. Saeed, **Ali QM**, Christophe C., Alain J. Dessein, Nasr Eldin M. A. Elwali. IL-13 Polymorphism (IL-13 rs1800925 (-1055) (C/T) is Associated with Severe Hepatic Fibrosis in Human Schistosomiasis, *Biological and Chemical Research, Science*
3. Sofia. B. Mohamed, Ahmed A. Ibrahim, Sabah A. E. Ibrahim, Mawda A. Algadir, Sumaya Kambal, Mohamed M. Hassan, **Qurashi M. Ali**. Structural and functional annotation of hypothetical proteins from *Pseudomonas aeruginosa* strain, NUBRI-P, In Silico study. *BMC Molecular and Cell Biology*. **SUBMITTED**
4. Rahoud S, Mergani A, Khamis OK, **Ali QM**, Dessein AJ, Elwali NE. Regression of liver fibrosis in *Schistosoma mansoni* infected Sudanese subjects after praziquantel treatment. *Gezira J Health Science*
5. Sofia B. Mohamed, Sumaya Kambal, Ahmed Hamad, **Qurashi M. Ali**. Virulence, and Antimicrobial Resistance of a Pan-Resistant *Klebsiella pneumoniae* strain NUBRI-K (ST 14), Sudan. *International Journal of Antimicrobial Agents*. journal of global antimicrobial resistance. **SUBMITTED**
6. A Malik Bushra, Ibrahim M, **Ali QM**, Yousef M, Alshammari QT, Jastaniah S. Use of foot measurement as sonographic parameter of estimation of fetal age. *Open Journal of Medical Imaging* DDI:10.4236/ojmi.2017.74023, license.CC BY 4.0.
7. Sofia B. Mohamed, Sumaya Kambal, Sabah A. E. Ibrahim1, Abdalla Munir, **Qurashi M. Ali**. Bioinformatics in Sudan: Status and challenges, case study National University-Sudan *PLOS Computational Biology*. Oct 2021, 17 (10): e1009462, <http://doi.org/10.1371/journal.pcbi.1009462>.
8. Abd-Elmagid AE, Elfaki AA, Şahin B, **Ali QM**, Babikir HE. Curved length morphometry of the ear external canal as a diagnostic tool for otitis media. *The FASEB Journal*. 2020 Apr 1;34(S1):1-.
9. Alarabi TGM, **Ali QM** Abdalla AM, Mohamed HM, Ebraheem M, Harun NA, Sideeg AMB, Salih AGA. Reference values (RV), MNS and MTS for morphological characteristics of normal and abnormal human spermatozoon describing teratozoospermic index (TZI) and sperm deformity index (SDI) in Sudanese infertile couples using CASA system. *Int J Morphol*, 2019; 17: 1038-45.
10. Hussein AHA Dinar, **Ali QM**, M. Elfadil M Garelnabi, Alaa AI Abdel-Alall. Brain ultrasound exposure findings in albino rat fetuses at late gestation stage. *International Journal of Science and Research*, 2018, 7: Online
11. Hussein AHA Dinar, **Ali QM**, M. Elfadil M Garelnabi, Intrauterine growth res Int.;triction evaluation as ultrasound bioeffects in albino rat fetuses at late pregnancy. *Sudan Medical Monitor*, 2017, 12: 1-4.
12. Sally AME Baraka, **Ali QM**. Association between obesity and changes in the dimensions of the lumbar vertebral column: a cross-sectional study. *Sudan Medical Monitor* 2016, 11:
13. Elghazali AE Alghazali, **Ali QM** Correlation between umbilical cord morphology and birth weight in Sudanese neonates. *Sudan Medical Monitor*, 2016: 11: 1-6.
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