



Curriculum Vitae

Dr. Yosef Mohamed Azzam Yosef Mohamed Zakout

Assistant professor, department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum.

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Academic qualifications:

- PhD (Molecular Oncology), University of Ferrara - Italy, 2014. The title of the thesis is: **Immunohistochemical Detection of DNA Mismatch Repair Proteins Abnormalities in Sudanese Colorectal Cancer Patients. Supervisor: Prof. Giovanni Lanza. Read online: <http://eprints.unife.it/901/1/The%20thesis.pdf>**

- MSc in Medical Laboratory Sciences, major specialty is Histopathology & Cytology, University of Khartoum, Sudan 2006. The title of the thesis is: **Assessment of cervical Cytological Atypia among Oral Hormonal Contraceptive Pills Users in Khartoum Teaching Hospital.**

- BSc honor- division II upper- in Medical Laboratory Sciences, major specialty is Histopathology & Cytology, University of Khartoum, Sudan 2001.

Prizes:

- Encouraging prize for published research – University of Khartoum - Deanship scientific research - 2019
- University of Khartoum's prize for the best academic performance in Histopathology & Cytology - University of Khartoum – academic year: 1999-2000.
- Faculty of Medical Laboratory Sciences' prize for the second best academic performance in the fourth year - University of Khartoum – academic year: 1998-1999.
- University of Khartoum's prize for the best academic performance in Histopathology & Cytology in the fourth year - University of Khartoum – academic year: 1998-1999.

Scholarships:

- Awarding body: IUSS stay abroad scholarship - University of Ferrara – Italy. Country: Sudan – 2012.

Publications:

- **Zakout YM**, Khatoon F, Bealy MA, Khalil NA, Alhazimi AM. Role of the Coronavirus Disease 2019 (COVID-19) pandemic in the upgrading of personal hygiene. A cross-sectional study in Saudi Arabia. *Saudi Med J*. 2020 Nov;41(11):1263-1269.
- **Zakout YM**, Alreshidi FS, Elsaied RM, Ahmed HG. The magnitude of COVID-19 related stress, anxiety and depression associated with intense mass media coverage in Saudi Arabia. *AIMS Public Health*. 2020 Sep 1;7(3):664-678.
- Abdalraheem AB, Gubara AM, **Zakout YM**, Batran SA. Hydrogen peroxide as an oxidizing agent for glycogen demonstration using Schiff's reagent in rabbit liver fixed with alcoholic and aqueous fixatives. *J Histotechnol*. 2020 Sep 10:1-7.
- **Zakout YM**. Predatory Publishers/Journals in Medical Sciences: How to Avoid, Stop, and What to Do after Being Scammed by Them? *J Gastrointest Cancer*. 2020 Sep;51(3):782-787.
- **Zakout YM**, Lanza G. Detection of DNA Mismatch Repair Protein Abnormalities in Sudanese Colorectal Cancer Patients Using Immunohistochemical Methods. *J Gastrointest Cancer*. 2019 Sep;50(3):530-536.
- **Zakout YM**, Batran SE. Efficient staining of actinomycetoma and eumycetoma grains using henna extract. *Biotech Histochem*. 2015;90(8):568-72. Erratum in: *Biotech Histochem*. 2016 Jul;91(5):387.
- Batran SE, **Zakout YM**. Evaluation of improved zirconyl hematoxylin compared to the classical pH 2.5 Alcian blue method for demonstrating acid mucins. *Biotech Histochem*. 2012 Apr;87(3):226-8.
- Contraceptive Use and Risk of Cytological Atypia of the Cervix. **Azzam Zakout Y**, Ahmed H. Poster presentation in Eurogin 2010, cervical cancer prevention; 20 years of progress & a path to the future, which was held in the period between 17th -20th February 2010, **Monaco, France**. Published in the Abstract's book of the conference, page 210, and on the website of the conference: http://www.eurogin.com/2010/EUROGIN2010_Abstracts.pdf

Supervision,

1- Undergraduate:

Student Name	Thesis Title	Faculty	University	Date
- Esraa Abdul-Rahman	Comparison between hydrogen peroxide and periodic acid in demonstration of ntral mucin using different	Faculty of Medical laboratory Sciences	University of Khartoum	2020
- Alaa Yousuf				

	fixatives			
- Yousra Waheedaldin Jamal Ali	Genotoxicity assessment using micronuclei and other nuclear abnormalities in exfoliated buccal cells of subjects exposed to pesticides in Khartoum state	Faculty of Medical laboratory Sciences	University of Khartoum	2020
- Sabrin Hmad - Anwar Ahmed	Comparison between hydrogen peroxide and periodic acid in demonstration of glycogen using different fixatives and fixation temperatures	Faculty of Medical laboratory Sciences	University of Khartoum	2020
- Ebtesam Yasir Mohamed - Amna Mohammed Zain	Assessment of histological patterns, bacteria and fungal infections in Sudanese abortive women using conventional histological methods.	Faculty of Medical laboratory Sciences	University of Khartoum	2018
- Lamis Abd Elhamid Hamza Abd Elhamid - Nada Al Sideg Omer	Assessment of cytological patterns in Sudanese pregnant women using urine cytology method.	Faculty of Medical laboratory Sciences	University of Khartoum	2018
- Hibatalla Elshazly Mohamed Elgamri - Eman Ismail Al-Megdad Al-Shaikh - Noon Abdalmoneim Altoum Al-amin - Hiba Siddig Abdullah Esawy	Expression of estrogen receptor alpha (ER- α) in epithelial type ovarian cancer compared to benign ovarian lesions among Sudanese women.	Faculty of Medical laboratory Sciences	University of Khartoum	2016
- Samah Abd Elrahim Batran Ali	Comparison between alcian blue and improved zirconyl haematoxylin for demonstration of acid mucins using	Faculty of Medical laboratory Sciences	University of Khartoum	2011

	different fixatives.			
- Sara Mohammed Abdullah - Marwa Alhaj Ali	Assessment of qualitative changes in collagen, elastic fibres, glycogen and mucins in malignant breast tumors by conventional histochemical methods.	Faculty of Medical laboratory Sciences	University of Khartoum	2010
- Sulafa Alwaseela - Aliaa Osman	Determination of the value of mean AG NOR count as a predictive for atypical thyroid proliferative activity	Faculty of Medical laboratory Sciences	University of Khartoum	2010

2- Graduate:

Student Name	Thesis Title	University	Date
Hiba Salah Eltayeb Khalil	The detection of calcium and iron in prostatic adenocarcinoma (Research paper)	University of Khartoum	2020
Osman Omer Mohamed Ali	The effect of fixatives on the staining quality of acid mucins using Azure A metachromatic technique (Research paper)	University of Khartoum	2020
Rawia Mohamed Abbakar Ahmed	Assessment of hemosiderin in adenocarcinoma of the breast among Sudanese female patients (Research paper)	University of Khartoum	2020
Alaa Fathi Dawod Mahjoub	Assessment of glycogen in adenocarcinoma of the breast among Sudanese female patients (Research paper)	University of Khartoum	2020
Eiman A. Ibraheem	Immunohistochemical detection of human papillomavirus 16 and 18 in Sudanese colorectal cancer patients. (Research paper)	University of Khartoum	2018
Marwah Abdelrahman	Evaluation of different oxidizers-Schiff methods compared to PAS	University of	2018

Alasha Abdellah Maisa Aldai Hemaida	reaction for glycogen demonstration (Research paper)	Khartoum	
Atheela Mohammed Idris Hibatalla Elshazli Mohammed Elgamri	Assessment of PAS reaction and Grocott methanamine (hexamine) silver method for glycogen demonstration in different fixatives and temperature of fixation (Research paper)	University of Khartoum	2018
Esraa A Dari Abeer S Mohamed	Evaluation of Liver Histological Changes Induced by Atypical Antipsychotic Drug Olanzapine on Experimental Wistar Albino Rats (Research paper)	University of Khartoum	2016

Examination and Reviewing:

- External examiner for the 4th year students (Histopathology and Cytology) - Elrazi University – Faculty of Medical Laboratory Sciences, September 2019.
- Internal examiner for MSc thesis: 1 successfully completed.
- External examiner for MSc students (Elneleen University, Faculty of Medical Laboratory Sciences): 2 successfully completed – 2017.
- Member of the examination committee of Research papers of 3 batches of MSc by courses` program. Faculty of Medical Laboratory Sciences, University of Khartoum.
- A reviewer in International Journal of Mental Health and Addiction.
- A reviewer in *Journal of Gastrointestinal Cancer*.
- A reviewer in *Laboratory medicine journal (LMJ)*, Alneelain University, Faculty of medical laboratory sciences, ISSN: 1858-6406, 2017.

Employment and work experience:

- Assistant professor, Department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2014- present.
- Head, Department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2019-2020.
- Acting Deputy Dean for academic affairs, Faculty of Medical Laboratory Sciences, University of Khartoum, 20 October 2019 – 25 November 2019.
- Deputy Dean for academic affairs, Faculty of Medical Laboratory Sciences, University of Khartoum, 4 August 2018- 19 October 2019.

- Chairman of examination committee - Faculty of Medical Laboratory Sciences, University of Khartoum, 2018- 2019.
- Chairman of Histopathology committee at Medical laboratory Sciences Council – Sudan Medical Specialization Board, 2019- present.
- Representative of Faculty of Medical Laboratory Sciences, University of Khartoum, at the medical and health studies board - College of higher education - University of Khartoum, 2018- 25 November 2019.
- Head, Department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2014- 2018.
- Registered Consultant of Medical Laboratory – Histopathology & Cytology – Molecular Oncology. National council for medical & health professions, The Republic of Sudan.
- Coordinator of the Master degree by courses program of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2014- 2018.
- Member of Faculty of Medical Laboratory Sciences board, University of Khartoum.
- Member of Faculty of Medical Laboratory Sciences Doctorate board, University of Khartoum.
- Member of Faculty of Medical Laboratory Sciences research board, University of Khartoum.
- Member of Journals verification committee, Faculty of Medical Laboratory Sciences, University of Khartoum.
- Member of the committee of posters` evaluation Diabetes and obesity international conference 2020. College of Medicine – University of Hail.
- Member of the committee of scientific papers` evaluation. The papers submitted by medical and health sciences faculties – The week of scientific research - Deanship Scientific Research – University of Khartoum – 2019.
- Member of the committee of scientific exhibitions` evaluation. The week of scientific research - Deanship Scientific Research – University of Khartoum – 2019.
- Member of Medical laboratory Sciences Council – Sudan Medical Specialization Board.
- Member of Senate, University of Khartoum, Sudan.
- Lecturer, department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2006- 2014.
- Teaching assistant, Department of Histopathology & Cytology, Faculty of Medical Laboratory Sciences, University of Khartoum, 2003- 2006.
- Secretary of Histopathology & Cytology board, University of Khartoum, 2004- 2006.

- I worked as a medical laboratory technologist in different private medical laboratories for varied durations.

Workshops attended:

Workshop title	Organizer	Date
1- Statistical modeling for non-statistician: Bayesian perspective	University of Khartoum – Deanship Scientific Research	26-12-2019
2- Academic monitoring	University of Khartoum – Planning Administration	2-4-2019
3- Introduction to Bioinformatics and Genomics training program	University of Khartoum, Faculty of Medical laboratory Sciences	20-28/2/2018
4- Curriculum Evaluation Workshop	Elrazi University- Sudan	19-8-2017
5- Immunohistochemistry (IHT) theory and practical	Dako Academy, Denmark in collaboration with Labtech Sudan, Sudan.	December 2009
6- Making the best use of a one hour lecture.	University of Khartoum, Faculty of Medicine, Educational Development Centre for Medical & Health professions in association with Sudan Association of Medical Education and Soba University Hospital, Sudan.	March 21- 23, 2007.
7- E.learning.	University of Khartoum, Faculty of Medicine, Educational Development Centre for Medical & Health Professions in association with Sudan Association of Medical Education and Soba University Hospital, Sudan.	March 21- 23, 2007.
8- Scientific writing.	Educational Development Centre for Medical & Health Professions in collaboration with Medical & Health Studies Board, Faculty of Medicine, University of Khartoum, Sudan.	November 11-13 2006.
9- The 2 nd Sudanese HLA workshop (technical training in histocompatibility).	lagire s.r.l: REA. Melano, Italy in collaboration with Soba teaching hospital, Sudan	January 30 - February 2 nd , 2006.
10- The 1 st Sudanese workshop on medical laboratory curriculum development.	Ministry of Higher Education, Sudan.	29 – 31 August, 2004.

Courses performed:

Course title	Organizer	Date
1- Training course in the ethics of the medical profession and health	Sudanese national council for medical & health professions	1-8-2017
2- Training course in educational preparation.	Staff Development Center, University of Khartoum, Sudan.	March 14- April 15, 2004.

3- Molecular biology course (level II).	National Health Laboratory, Ministry of Health, Sudan.	May- July 2, 2004.
4- Molecular biology course (level I).	National Health Laboratory, Ministry of Health, Sudan.	September 28- December 15, 2003.
5- Public speaking (in English).	Combony College for science & technology. Sudan.	2007 Degree: distinction.
6- Conversation level I (in English).	Combony College for science & technology.	2007 Degree: distinction.
7- Conversation level II (in English).	Combony College for science & technology. Sudan.	2007 Degree: distinction.
8- Conversation level III (in English).	Combony College for science & technology. Sudan.	2007 Degree: distinction.
9- Conversation level IV (in English).	Combony College for science & technology. Sudan.	2007 Degree: distinction.
10- Italian language.	Combony College for science & technology. Sudan.	2009 and 2010 Degree: distinction.
11- IELTS preparation course.	University of Khartoum in collaboration with SVP. By Mr.Don Sloan, the formal director of the British Council (Sudan),	2009

Live webinars / Conferences / meetings attended:

1- **Webinar title:** Open book Exams.

Organizers: Imam Abdulrahman Bin Faisal University and Saudi society for medical education - November 24, 2020.

2- **Conference title:** Diabetes and obesity international conference 2020.

Organizer: College of Medicine – University of Hail – 3rd to 5th 2020.

3- **Conference title:** Eurogin 2010, cervical cancer prevention; 20 years of progress & a path to the future.

Organizer: European Research Organization on Genital Infection and Neoplasia. Monaco, France.

4- **Conference title:** Graduate studies and scientific research.

Organizer: University of Khartoum, 27th January– 2nd of March, 2010.

5- **Conference title:** The first scientific meeting of the Sudanese society of clinical biology.

Organizer: Sudanese Society of Clinical Biology, 24th – 26th November, 2006.

6- **Conference title:** The 2nd international conference on medical education in the Sudan.

Organizer: University of Khartoum, Faculty of Medicine, Educational Development Centre for Medical & Health Professions in association with Sudan Association of Medical Education and Suba University Hospital, March 23- 26, 2007.

7- **Sudanese Sysmex days.**

Organizer: Sudanese pathologist society, 2008.

Community service:

- A radio episode regarding the laboratory diagnosis of cancer. University of Khartoum radio, 19-1-2020.
- Providing a lecture about bullying, in an event entitled ``Gender based violence'', organized by students of FMLS – U of K. 8 – 12- 2019.
- A volunteer in a health day in Al Jumeaby village – Sudan.
- A volunteer in a health day in Ed El Bashagra – Sudan.
- A volunteer in a health caravan in Hajar Al Asal – Sudan, organized by Faculty of Medical Laboratory Sciences – University of Khartoum, 26-7- 1999 to 3-8-1999.
- A volunteer in a health caravan to North Kordofan state (Bara Governorate) - Sudan, organized by Faculty of Medicine – University of Khartoum, 8-7- 1999 to 16-7-1999.
- A volunteer in a health caravan - El Gadarif - Sudan, 23 to 30 -7-2000.
- A volunteer in a health caravan to El Damazin – Sudan.
- Participation in the afforestation project at the Faculty of Medical Laboratory Sciences – University of Khartoum. Over 400 saplings were cultivated in this project (Mango, lemon, banana), 2018 – 2019.
- Street cleaning, Umdorman – Sudan, 2019.