



CURRICULUM VITAE

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CURRICULUM VITAE

Dr. Abbas Omer El-Karib

I joined the Faculty of Medicine, Gezira University, Sudan, as a Teaching Assistant in October 1977, then awarded a scholarship to obtain higher qualification from United Kingdom in Physiology and Paediatrics. This meets the integrated curriculum philosophy of the Faculty of Medicine. I obtained the degree of Ph.D. in Physiology in 1981 at the University of Manchester, U.K. and the Diploma in Tropical Child Health in 1983 at the University of Liverpool, U.K.

Since I joined the Faculty of Medicine, Gezira University, I contributed greatly to the development and betterment of the faculty as a whole and specifically to the establishment of the physiology department. I have been teaching physiology at both undergraduate and postgraduate levels. During that period, I have had the opportunity to teach all sections of physiology even though my areas of special interest are renal and gastrointestinal physiology. I have also played an active role in teaching paediatrics and child health including full responsibility towards the management of patients at hospital level. I participated in many training courses of Primary Health Care for both medical and paramedical staff and I served as a core member of the training team of the Primary Health Care Center of the Faculty.

In August 1991, I joined the Department of Physiology at the University of Michigan in Ann Arbor, USA where I have had the opportunity to serve as a Visiting Associate Professor with full responsibilities towards teaching and research.

Since March, 1993, I held the position of an Associate Professor at the Department of Physiology, King Khalid University College of Medicine in Abha, Kingdom of Saudi Arabia. Since I joined, I am actively engaged in teaching Physiology to both undergraduate and postgraduate students together with noticeable participation in medical education and many academic committees and activities. I am also involved

with the paediatric department in running a regular clinic.
In November 2019, I joined The National University in the capacity of a Professor and Dean of the faculty of Medicine & Surgery.

The details of my C.V. are as follows:

CURRICULUM VITAE

PERSONAL DATA:

- * Name Abbas Omer Elkarib
- * D.O.B 29/12/1948
- * Marital Status Married with four children
- * Nationality Sudanese
- * Religion Muslim

EDUCATION:

- * High School Wad Medani, Sudan.
- * Undergraduate MB.BS.,University of Khartoum, Sudan,1972.
- * Graduate/
Professional Ph.D ,University of Manchester, U.K.1981.
 D.T.C.H,University of Liverpool, U.K. 1983.

EXPERIENCE & ACADEMIC POSITIONS :

- * Internship at Khartoum Teaching Hospital, Sudan. 1972-1973.
- * Medical Officer, Malakal Civil Hospital, Sudan. 1973-1974.

- * Medical Officer, Wad Medani Teaching Hospital, Sudan. 1974-1976.
- * Registrar in Paediatrics, Khartoum Teaching Hospital, Sudan. 1976-1977.
- * Teaching Assistant, Physiology, Gezira University, Sudan. 1977.
- * Postgraduate Student, Physiology Dept. Manchester University, U.K. 1978-1981.
- * Senior House Officer, Paediatrics , Fazakerley Hospital, Liverpool, U.K. 1981-1983.
- * Senior House Officer, Alder Hey Children's Hospital, Liverpool, U.K. 1981- 1983.
- * Registrar level in Paediatrics, All Saint's Hospital, Kent, U.K. 1983 –1984.
- * Assistant Professor, Gezira University, Sudan. 1984 – 1988.
- * Associate Professor, Gezira University, Sudan. 1989 –1991.
- * Head of Department of Physiology, Gezira University, Sudan. 1985 –1991.

- * Visiting Associate Professor,Physiology Department, University of Michigan School of Medicine, Ann Arbor, USA. 1991-1993.
- * Associate Professor, King Khalid University College of Medicine, Abha, Kingdom of Saudi Arabia, March 1993-to date.
- * Coordinator of the Department of Physiology, 1997- 2002.
- * Coordinator of the Physiology Course for Second Year Medical Students,1994 – to date.
- * Coordinator of the Teaching Programme for Second Year Medical Students, 1996 – to date.

TEACHING EXPERIENCE:

1. University of Gezira, Sudan (1984-1991):

- * Teaching Physiology to medical students at all levels..
- * Teaching Physiology to postgraduate doctors preparing for higher degrees in medicine.
- * Teaching Paediatrics & Child Health to medical students, medical and paramedical staff.
- * Teaching Primary Health Care to medical students, medical and paramedical staff.
- * Examiner in Physiology to the medical, paediatric and obstetrical Clekships of Faculty of Medicine, Gezira University.
- * External Examiner in Physiology to postgraduate students of Faculty of Medicine and Faculty of Veterinary Science, Khartoum University.

2. University of Michigan Medical School, Ann Arbor, USA (1991-1993):

- * Teaching Physiology to medical and graduate students.

3. King Khalid University, Abha, Saudi Arabia (1993-to date):

- * Teaching Physiology to Medical Students, Dental, Pharmacy & Laboratory Sciences Students.
- * Teaching Physiology to postgraduate doctors preparing for higher degrees in medicine.

- External Examiner in Physiology to undergraduate students of Faculty of Medicine Khartoum University.(2010).

DISCIPLINES OF INTEREST:

- * Physiology
- * Medical Education
- * Paediatrics and Child Health
- * Primary Health Care

AWARDS & MEETINGS:

- * 1978 : Awarded five years scholarship from Gezira University to prepare for higher degrees in Physiology & Paediatrics in U.K. (This meets the integrated curriculum system of Gezira University,Sudan).
- * 1978 -
- * 1981: Attended & participated in the British Physiological Society meetings at Leeds, Birmingham, Oxford and London.
- * 1984: Meetings at Suez Canal Medical School, Egypt, to prepare a questionnaire about students community training settings for Community Oriented Medical Schools.
- * 1984: Participant in Seminar/Workshop on Primary Health Care and Rural Hospital Management at Gezira University in collaboration with Ministry of Health and Columbia University, New York, USA.
- * 1985: Awarded one month Seminar/Workshop in Nutrition, Family Planning and Primary Health Care at Columbia University, New York, USA.
- * 1985: Member of Workshop on "Medical Education Approaches" at Gezira University, Wad Medani, Sudan.
- * 1985: Participant in Workshop on Risk Approaches in Maternal and Child Health at "Training of Trainers Center" at Barakat, Sudan.
- * 1986: Member of Workshop on "Control of Diarrheal Diseases-Nation-wide" at Khartoum, Sudan.
- * 1987: Awarded a WHO Study Tour on Primary Health Care in Pakistan.
- * 1987: Awarded eight weeks by Ford Foundation for training in Physiology in Hannover Medical School, West Germany.

- * 1988: Meeting at Suez Canal Medical School-EGYPT, for analysis of the responses of the questionnaire (mentioned above).
- * 1989: Participant in the workshop on Practical Issues in Community Based Medical Education held in Faculty of Medicine, Suez Canal University, Egypt.
- * 1989: Invited to attend and participate in a course on "Teaching Physiology in Developing Countries" held in Kuopio University-Finland, sponsored by the International Union of Physiological Sciences (IUPS).
- * 1989: Attended the Centennial Meeting of the International Physiological Association held in Helsinki, Finland.
- * 1991: Attended the Annual Meeting of the Association of American Medical Colleges held in Washington, D.C., USA.
- * 1991: Participant in the Medical Education Retreat-Curriculum Improvement of the University of Michigan School of Medicine-Held in the Holiday Inn Hotel in Ann Arbor, Michigan, USA.
- * 1992:
(Jan.) Participant in the 13th Annual Hypertension Retreat held in Oakland University, USA.
- * 1992:
(Feb.) Participant in a series of workshops on the "Art of Teaching and Learning" held at the Center for Research on Learning & Teaching (CRLT) of the University of Michigan, Ann Arbor USA.
- * 1992:
(April) Attended the Federation of the American Societies For Experimental Biology (FASEB) Meeting, held in Anaheim, California, USA.
- * 1992:
(May) Attended the Seventh International Interdisciplinary Conference on Hypertension in Blacks, held in Atlanta, Georgia, USA.
- * 1993:
(Dec.) Participant in the Medical Education Workshop: "Current Concepts in Teaching Methods" held at the College of Medicine, King Khalid University, Abha, Saudi Arabia.
- * 1997:
(April) Attended the American Experimental Biology Meeting held in New Orleans, USA.

* 1998:

(Nov.) Participant in the Workshop: "Writing of Research Proposals & Scientific Papers and Editing for Medical Journals" held at the College of Medicine, King Khalid University, Abha, Saudi Arabia in collaboration with the WHO Regional office for East Mediterranean.

* 1999:

(Feb.) Participant in the Course on: "Data Handling: Use of SPSS for Windows" held in King Khalid University, College of Medicine, Abha, Saudi Arabia in collaboration with the British Council and University of Cambridge, U.K.

* 2001:

(April) Attended the American Experimental Biology Meeting held in Orlando, Florida, USA.

* 2002:

(April.) Participant in the: International Conference on Hepatobiliary & Pancreatic Diseases. Held in Abha Palace Hotel, Abha, Saudi Arabia.

* 2002:

(October) Participant in the workshop: Educational Planning & Evaluation, held at the College of Medicine, Abha. Organized by the Saudi Council for Health Specialities in collaboration with Medical Education Department, College of Physicians & Surgeons of Pakistan.

* 2003:

(Jan.) Participant in the Symposium: Improving Scientific Writing, held at the College of Medicine, King Khalid University, Abha, Saudi Arabia.

PROFESSIONAL SOCIETIES:

- * Associate Member, Physiological Society of Great Britain.
- * Regular Member, American Physiological Society.
- * Member, American Association for the Advancement of Science.
- * Member, Sudanese Paediatric Association, Sudan.

UNIVERSITY COMMITTEES & ACADEMIC ACTIVITIES:

1. University of Gezira, Faculty of Medicine, Sudan (1984-1991) :

- * Member of Faculty Board.
- * Member of Staff Appointment Committee.

- * Member of Students' Academic Activities Committee.
- * Member of Students' Social Activities Committee.
- * Member of Senate Council.
- * Member of Staff Housing Committee.
- * Member of Graduation Committee.
- * Academic Advisor of the Medical Students Association.
- * Member of Technical Committee for Control of Diarrheal Diseases Programme (National CDD Programme-Khartoum-Sudan).
- * Coordinator for the Agreement Between Gezira Medical School -Sudan and Suez Canal Medical School - Egypt.

2. University of Michigan Medical School, Ann Arbor, USA (1991-1993) :

- * Member, Faculty Meeting of Physiology Department.
- * Member of the Physiology Department Committee for Research in Hypertention.

3. King Khalid University, Abha, Saudi Arabia (1993- to date) :

- * Member of College Board (1996-1997).
- * Coordinator of the Joint Departmental Meeting for the Basic Sciences Departments (1996-1997).
- * Coordinator of PSL 222 course for medical students (2001-to date)
- * Member of the College Curriculum Committee (1996-2002).
- * Member of the College Students' Advisers Committee (1998-to date).
- * Coordinator of the College Students' Advisers Committee (2001-to date).
- * Member of the Medical Education Council (1998-2001).
- * Coordinator of the College Staff Social Committee (1997-2003).
- * Member of the Interview Committee for the new intake of medical students (2000- 2002).
- * Member of the Time Table Committee of the college (2003-to date).
- * Coordinator of the reception of the new medical students batch. (2005-to date).

BIBLIOGRAPHY:

- 1. Elkarib, A.O.,** and Green, R. Effect of Prolonged Administration of Prolactin on Glomerular Filtration Rate in The Rat.
J. Physiol. 315: 21-22, 1981.
- 2. Elkarib, A.O.,** Garalnd, H.O., and Green, R. Acute and Chronic Effects of Progesterone and Prolactin on Renal Function in The Rat.
J. Physiol. 337: 389-400, 1983.
- 3. El-Amin, E.O., Elkarib, A.O.,** Ahmed, M.H., Leichsenring, M., Laryea, M.D., and Bremer, H.J. Plasma Fatty Acid Composition of Breast - Feeding Sudanese Women.

- Trop. Med. Parasit. 39: 199-202, 1988.
4. Ahmed, H.M., Lombeck, I., **Elkarib, A.O.**, El-Amin, E.O., Menzel, H., Frosch, D., Leichsenring, M., and Bremer, H.J. Selenium Status in Sudanese Children with Protein - Calorie Malnutrition. J. Trace Elem. Electrolytes Health Dis. Vol 3:171-174, 1989.
 5. **Elkarib, A.O.**, Laryea, M.D., Mayatepek, E., El-Amin, E.O., Ahmed, H.M., and Bremer, H.J. Plasma Retinol and Tocopherols of Breast - Feeding Sudanese Women. Trop. Med. Parasit. 40: 405-408, 1989.
 6. Ahmed, H.M., Laryea, M.D., **Elkarib, A.O.**, El-Amin, E.O., Biggemann, B., Leichsenring, M., Mayatepek, E., and Bremer, H.J. Vitamin E Status in Sudanese Children with protein - Energy Malnutrition. Z Ernährungswiss (J. Nutr. Sci) 29: 47-53, 1990.
 7. Leichsenring, M., Ahmed, H.M. Laryea, M.D., Welchering, T., El-Amin, E.O., **Elkarib, A.O.**, and Bremer, H.J. Polyunsaturated and Essential Fatty Acids in Malnourished Children. Nutrition Research. 12: 595-603, 1992.
 8. **Elkarib, A.O.**, Sheng, J., Lorriss Betz, A. and Malvin, R.L. The Central Effects of a Nitric Oxide Synthase Inhibitor (Nw-Nitro-L-Arginine) on Blood Pressure and Plasma Renin. Clin. and Exper. Hypertension, 15(5): 819-832, 1993.
 9. Elfalki, E.A., Abdelrahim, I.M., **Elkarib, A.O.**, Bower, B., and Nalder, S. Short Intensive Courses for Primary Health Care Leadership in Sudan. Annals of Community-Oriented Education, Vol. 6:19-25,1993.
 10. Khalid, M.E.M., Ali, M.E., Ahmed, M.E.K. and **Elkarib, A.O.** Pattern of Blood Pressures among High and Low Attitude Residents of Southern Saudi Arabia. J. Human Hypertension, 8:765-769, 1994.
 11. Ahmed, M.E.K., Khalid, M.E.M., **Elkarib, A.O.**, Ali, M.E., and Adzaku, F. Body Composition and Blood Pressure: which indices of fatness show the strongest correlation? J. Human Hypertension, 10: 365-368, 1996.
 12. Khalid, M.M., Ali, M.E., **El-Karib, A.O.**, Ahmed, M.K., and Mahmoud, M.W. Anthropometric Variables Affecting Hemoglobin Levels in High and Low Attitude Populations.. Saudi Medical Journal, vol. 19(5):571-574, 1998.
 13. Abullah S. Shatoor, Fahaid AL-Hashim, **Abbas Elkarib**, Hussein Sakr and Mahmoud Alkhateeb EC50 of adrenaline-atenolol: Functional agonist assay using Langendorff isolated rabbit heart tethered to powerLab data acquisition system. African Journal of Pharmacy and Pharmacology, vol. 6(15), 1092-1098, 2012.

14. Mohamed A Haidara; **Abbas O ELKarib**; Ismaeel BinJaliah; Mohamed D Morsy; Abdullah S Shatoor; Salah O Bashir; Basouny A El-GGamal; Mohammed El-Hassan Kemeir and Refaat A Eid. The impact of vanadium on endothelial dysfunction in type 2 diabetic rats: Histological insight.
Egypt. Acad.J.Biolog.Sci., 6(1): 83-91, 2014.
15. **Abbas O Elkarib**. Exercise ameliorates diabetes-induced osteoarthritis in rats.
Egypt.Acad.J.Biolog.Sci., 6(2): 93-99, 2014
16. **Abbas O Elkarib**. Impact of Dehydroepiandrosterone in prevention of paracetamol induced nephrotoxicity in rats.
American Medical Journal 5 (1): 16-27, 2014.
17. Samy M ELEAWA, Mamoud A ALKHATEEB, Fahaid H ALHASHHEM, Ismaeel BIN-JALIAH, Hussein F SAKR, Hesham M ELREFAEY, **Abbas O ELKARIB**, Riyad M ALESSA, Mohammad A HAIDARA, Abdullah S. SHATOOR and Mohammed A KHALIL. Resveratrol Reverses Cadmium Chloride-induced Testicular Damage and Subfertility by Downregulating p53 and Bax and Upregulating Gonadotropins and Bcl-2 gene Expression.
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18. S O Bashir, H Suekit, **A O Elkarib**, MA Dafaalla, MB Abd Elrouf, MD Morsy, M Eskander. The effect of high altitude on endothelial and vascular dysfunction markers in preeclamptic patients.
Acta Physiologica Hungarica, Volume 102 (4),399-399, 2015.
19. **Abbas O. El Karib**, Bahjat Al-Ani, Fahaid Al-Hashem, Mohammad Dallak, Ismaeel Bin-Jaliah, Basiouny El-Gamal, Salah O. Bashir, Refaat A. Eid & Mohamed A. Haidara, Insulin and vanadium protect against osteoarthritis development secondary to diabetes mellitus in rats, Arch Physiol Biochem, 2016; 122(3): 148–154.
20. Fahaid Al-Hashem, **Abbas O. El Karib**, Ismaeel Bin-Jaliah, Mohammad Dallak, Hussein F. Sakr, Refaat A. Eid, Mohamed Samir A. Zaki, Mariam Al-Shamsi, Mohamed A. Haidara & Bahjat Al-Ani. Exercise protects against insulin-dependent diabetes-induced osteoarthritis in rats: A scanning electron microscopy study.
Ultrastructural Pathology, 2017, Volume 41, NO. 3, 252-257.
21. Salah Omar Bashir, Mohamed Darwesh Morsy, **Abbas Omar Elkarib**, Humeda Suekit Humeda Abdalla Abdelrahim Abusham, Moutasem Salih Aboonq, and Ahmed Ibrahim Agamy. Impact of High Altitude on Maternal Serum Leptin Level and Its Correlation with Oxidative Stress and Endothelial Inflammatory Markers in Preeclamptic Women.
Chinese Journal of Physiology 61(1): 50-56, 2018.
22. **Elkarib, A. O.** Swim Exercise Augments the Protection of the Knee Joint Against Osteoarthritis

Development in Diabetic Rats Treated with Insulin.
Int. J. Morphol., 36(3): 937-942, 2018.

23. Mohamed Abd Ellatif ; **Abbas O El karib**; Mohammad Dallak; Refaat A Eid; Rihab Al-Ani & Mohamed A Haidara. Vitamin E Protects Against Hepatocyte Ultrastructural Damage Induced By High Fat Diet in a Rat Model of Pre-Diabetes.
Int. J. Morphol., 36(4): 1350-1355, 2018.

24. Mohamed A. Haidara, Mohammad Dallak, **Abbas O. Elkarib**, Mohamed Abd Elatif, Refaat A.Eid El Hassan A. Heidar, and Bahjat Al-Ani. Insulin protects against hepatocyte ultrastructural damage Induced by type 1 diabetes mellitus in rats.
Ultrastructural Pathology, VOL. 42, NO. 6, 508-515, 2018.

25. **Abbas O. Elkarib**; Mohammad Dallak; Mohamed Abd Ellatif; Refaat A. Eid; Mohamed A. Haidara & Bahjat Al-Ani. Pre-Diabetes Induces Ultrastructural Alterations in the Large Blood Vessel Aorta In rats. Int . J. Morphol., 37(2):647-653, 2019.

26. Mohamed A. Haidara; Fahaid Al-Hashem; **Abbas O. El Karib**; Mohamed S. Zaki; Samaa S. Kamar; Mahmoud H. El-Bidawy & Bahjat Al-Ani. Inhibition of Paracetamol-Induced Acute Kidney Damage in Rats Using a Combination of Resveratrol and Quercetin.
Int . J. Morphol., 37(4):1422- 1428, 2019.

27. Suliman Al Humayed; Fahaid Al-Hashem; Mohamed A. Haidara; **Abbas O. El Karib**; Samaa S. Kamar; Shaimaa N. Amin; Bahjat Al-Ani. Resveratrol Pretreatment Ameliorates Paracetamol Overdose in a Rat Model of Acute Liver Injury.
Pharmacology, DOI: 10.1159/000502632, 2019.

28. Suliman Al Humayed, Bahjat Al-Ani, **Abbas O. El Karib**, Abdllah S. Shatoor, Refaat A.Eid, Shahid Aziz, Javid I. Wani & Mohamed A. Haidara.
Suppression of acetaminophen-induced hepatocyte ultrastructural alterations in rats using a combination of resveratrol and quercetin.
Ultrastructural Pathology, <https://doi.org/10.1080/01913123>, 2019.

29. Suliman Al Humayed; Bahjat Al-Ani; Abdllah S. Shatoor; **Abbas O El Karib**; Mohammad Dallak; Samaa S Kamar & Mohamed A Haidara.
Suppression of Hepatic Apoptosis Induced by Acetaminophen Using a Combination of Resveratrol and Quercetin: An Association of Oxidative Stress and Interleukin-11.
Int . J. Morphol., 38(1):83-90, 2020.

RESEARCH IN PROGRESS:

1. Evaluation of Iron Status in Saudi Pregnant Women: Influence on Newborn Iron Status.
2. The effect of insulin, insulinotropic elements and or exercise on diabetic-induced osteoarthritis of the hip and knee joint.
3. Therapeutic Effect of DHEA Against Paracetamol Induced Hepatic Injury .

REFERENCES:

1. Professor Suliman ALhumaid
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