

CURRICULUM VITAE

1. Personal data

- a. Name: **Abdelgadir Ali Elmugadam Ibrahim**
- b. Nationally: Sudanese
- c. Religion Islam
- d. Marital status: married and father for 4 offspring

2. Present Address: Clinical Chemistry Department
College of Medical Laboratory Science
Sudan University of Science & Technology (SUST)
Khartoum, Sudan
E-mail: mugadam01@gmail.com
Phone: +249 911240159 (Sudan)

3. Education (Pre-University):

Wadmagbool Primary School
Osman Jad-Allah General Secondary School
Alhosh Higher Secondary School

4. Qualifications

B.Sc. in Medical Laboratory Science (Clinical Chemistry) 1997
M.Sc. in Medical Laboratory Science (Clinical Biochemistry 2002
Ph.D. in Medical Laboratory Science (Clinical Chemistry) 2010

5. Thesis Title:

M.Sc. Complementary research (Levels of Calcium, Uric Acid and Lactate Dehydrogenase in Sudanese Leukemic Patients).
Ph.D. (Genotyping of HLA Genes and Measurement of Thyroid Antibodies in Sudanese Patients with Thyroid Diseases).

6. Area of Interest: Clinical Chemistry

7. Professional Experience:

Routine work in the Central Laboratory - Khartoum Teaching Hospital (KTH) 1997
Senior Teacher of Practical Clinical chemistry, Medical Laboratory Technology - SUST 1997 – 2001
Supervision of more than 40 graduation projects for BSc students, SUST, 2002 - 2010
Supervision of thesis for Postgraduate Diploma Students, SUST, 2006 - 2010

Member of the Senate, SUST, 2004 up to 2007

Member of evaluation committee for B.Sc. and Postgraduate Diploma Students Thesis

Member of the B.Sc. Curriculum Development Committee, clinical chemistry & medical laboratory science program SUST, 2001, 2007

Supervisor of the Clinical Chemistry Lab., SUST 1998 – 2000.

External examiner:

- External examiner for the B.Sc. program of medical laboratory science, clinical chemistry, Sudan International University- Sudan, academic year 2009 – 2010.
- External examiner to M.Sc. student, College of medical laboratory science- Elnelain University, Khartoum-Sudan. 2010.
- External examiner for M.Sc. students, College of medical laboratory science- Medical Sciences University, Khartoum-Sudan. 2010.
- External examiner for the B.Sc. program of medical laboratory science, clinical chemistry, Karary University- Sudan, academic year 2016– 2017.

Internal examiner:

- An internal examiner of M.Sc. students of medical laboratory science, (clinical chemistry), SUST

8. Teaching Experience

(A) Undergraduate:

- Advanced Clinical Chemistry, 5th year students, clinical chemistry, Medical Laboratory SUST. 2010.
- Hormones and Vitamins, to the 4th year Students, clinical chemistry Medical Laboratory SUST, 2001 to 2010
- Enzymes & Body fluids, to the 4th year Students, clinical chemistry Medical Laboratory SUST, 2001 to 2010
- Clinical Chemistry to the 2nd year, 3rd year and 4th year Medical Laboratory Students, SUST 2001 up to 2010
- Practical Clinical Chemistry to the 2nd year, 3rd year and 4th year Medical Laboratory Students, SUST, 1997 up to 2004
- Part-time Teacher of practical Clinical biochemistry at Lab. Tech. Department, SUST, 1997
- Clinical chemistry in the training Course for technologists at Ministry of Health, 1999
- Introduction to biotechnology to 1st year college of applied medical science, Turaba-Taif University, KSA, 2012.

- Biochemistry-general to level 3, college of applied medical science, Turaba-Taif University, KSA, 2012.
- Biochemistry-metabolism to level 4, college of applied medical science, Turaba-Taif University, KSA, 2012.
- Clinical chemistry to level 6, college of applied medical science, Turaba-Taif University, KSA, 2012.
- Complimentary Biochemistry, level 4, college of applied medical science, Taibah University, Almadinah Almonawwarah, KSA.2012
- Clinical Biochemistry, level 5, college of applied medical science, Taibah University, Almadinah Almonawwarah, KSA.2012
- Body Systems Function Tests, level 8, college of applied medical science, Taibah University, Almadinah Almonawwarah, KSA.2013 – 2016.
- Medical Laboratories Quality Assurance, level 8, college of applied medical science, Taibah University, Almadinah Almonawwarah, KSA.2013.
- Body Fluids Analysis, level 7, college of applied medical science, Taibah University, Almadinah Almonawwarah, KSA.2013 - 2016.

(B) Postgraduate Diploma

Laboratory Equipment and Quality Control, Endocrinology, Clinical Chemistry, Practical Clinical Chemistry, SUST, 2001 up to date.

(C) Qualifying Year: Clinical Chemistry, 2016, 2017

(D) M.Sc.

Practical Clinical Chemistry, SUST, 2002 – 2006

Clinical Chemistry1, SUST 2017

9. Supervision of Postgraduate Students:

a. Sudan University of Science & Technology:

Ph.D. Level (co-supervisor): one student

M.Sc. Level: 4 students

M.Sc. by courses and complementary research: 4 students

Postgraduate Diploma Level: More than 30 Graduation projects.

10. Administrative Experience:

Head department of Clinical Chemistry, Medical Laboratory Science, SUST, 2000 – 2007

Coordinator of M Sc and Postgraduate Diploma programs in Clinical Chemistry, 2003 up to 2007

Head of the examination committee of the college, 2002

Head of the college purchasing committee, 2004

Scientific advisor of the college students association, 2003

Supervisor of the Clinical Biochemistry Track, Medical laboratory technology, Taibah University.

11. Membership in Professional and Scientific Societies:

Member of the Medical Laboratory Association, Sudan

Member of the Sudanese Society of Clinical Biology

12. Extra-Curricular Activities: Committee member (2006-2008), secretary general (2008-2010), chairman (2010-2011) of Wadmagbool charity association.

13. Publications:

- 1) **Elmugadam, A.A.**; Elobied, E.A.; Elebaid, M.H. and Makeen, A.M. (2010). Prevalence of Anti-thyroid Peroxidase, and Anti-thyroglobulin in Sudanese Patients with Thyroid Diseases. *Egypt Acad. J. biolog. Sci.* 2(2): 93-97.
- 2) Awadalla, A.H.; Elabid, B.H.; **Almugadam, A.A.** (2012). Evaluation of prostate specific antigen and early prostate cancer antigen 2 as diagnostic markers for prostate cancer among Sudanese with prostate enlargement. *Sudanese Journal of Public Health.* 7(2): 47-50.
- 3) AbdElghani, S.A.; **Elmugadam, A.A.** and Elsanousi M. M. (2013) Hyperprolactinemia as a cause of female primary infertility and its prevalence in Gezira State, Central Sudan. *Egypt. Acad. J. Biolog. Sci.* 5(1): 31 -36.
- 4) Alnour, T.M.; Almahdi, H.M.; Elfadil, Gh. A.; **Elmugadam, A.A.**; Hassan, E.E. and Gabra, H.M. (2013) Assessment of Antithyropoxidase Antibodies and Thyroid Hormones Among Sudanese Pregnant Women. *The Pharma Innovation Journal.* 2(9): 36–40.
- 5) Gabra¹, H.M.; **Elmugadam, A.A.**; Elabid, B.H.; Elfadil², Gh.A.; Arbab, M.H. and Elssaig, E.H. (2014). Serum Total Prostatic Specific Antigen and Prostatic Acid Phosphatase Measurement Discriminating Prostate Carcinoma from Benign Prostatic

- Hyperplasia in Sudanese Patients. *International Journal of Pharmaceutical Science Invention*. 3(1): 36-40.
- 6) **Elmugadam, A.A.**; Elobied, E.A.; Mustafa, H.A.; Elfadil, Gh.A. and Makeen, A.M. (2014). Anti-TPO and Anti-Tg Antibodies in Sudanese Patients with Thyroid Diseases and Association of HLA Class-II with Graves' disease. *Journal of American Science*. 10(2): 39-42.
 - 7) **Elmugadam, A.A.** and Eltayeb, F.M. (2014). Cardiac Troponin T as a Sensitive Marker of Myocardial Infarction in Hypertensive Patients. *Journal of Science and Technology: Natural and Medical Sciences*. 15 (1): 70-76.
 - 8) Elfadil, Gh.A.; Eltahir, I.M. and **Elmugadam, A.A.** (2014). Anti-TRA-Ab, Anti-TPO-Ab, and FT3 as a Biochemical Panel for Differential Diagnosis of Graves' Disease from Hyperthyroidism. *Indian Journal of Applied Research*. 4 (5): 408-410.
 - 9) **Elmugadam, A.A.**; Gabra, H.M.; Elfadil, Gh.A. and Elabid, B.H. (2014). Use of Free to Total Prostate-Specific Antigen Ratio to Improve Differentiation of Prostate Cancer from Benign Prostate Hyperplasia. *Egypt. Acad. J. Biolog. Sci.* 6(1): 151-156.
 - 10) Elfadil, Gh. A.; Wagea-Alla, D.I. and **Elmugadam, A.A.** (2014). Association of Angiotensinogen M235T Gene variants, and Plasma Renin Activity with Preeclampsia. *Egypt. Acad. J. Biolog. Sci.* 6(1): 141-149.
 - 11) Nagla, B. A.; **Elmugadam, A. A.** and Elfadil, Gh. A. (2014). A possibility of serum cystatin C level and microalbuminuria as sensitive markers for kidney regression in Sudanese hypertensive patients. *Sud. Med. Lab. J.* 2(2): 9-17.
 - 12) Nagla, A. E.; Elfadil, Gh. A.; **Elmugadam, A.A.** and Abdallah, M.A.(2014). Assessment of serum anticardiolipin (ACL) and serum progesterone in Sudanese women with recurrent miscarriage. *Sud. Med. Lab. J.* 2(2): 1-8.
 - 13) Elfadil, Gh. A.; Ibrahim, M. E.; **Elmugadam, A.A.** and Salah A.M. (2014). Urinary cystine calculi and detection of polymorphism in the SLC3A1 gene in Sudanese children. *Journal of Taibah University Medical Sciences*. 9(3): 219-223.
 - 14) Elgari, M.M.; Al-Oufi, F.; AlSalmi, M.; Kurdi, M.; NA Ibrahim, N.A. and **Elmugadam, A.** (2015). Role of Serum Hepcidin levels in the Diagnosis of Iron Deficiency Anemia in Children in Saudi Arabia. *American Journal of Research Communication*. 3(7): 24-30.

14. Seminars, Conferences & Symposia:

- First international conference of biological sciences, Cairo, Egypt, 27-29 September 2010.
- Fifth international conference on public health, Jordan-Amman, May 2011.