

ABOUT ME

Accomplished academic leader with Ph.D. in Medical Laboratory Science and extensive expertise in medical genetics, higher education management, and institutional development. Proven track record in strategic planning, curriculum design and fostering research excellence.

CONTACT

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LANGUAGES

- Arabic (Native)
- English (Professional)

SKILLS

- Academic Leadership
- Medical Genetics
- Curriculum Design
- Research & Analysis
- Mentorship
- Strategic Planning
- Faculty Management
- Quality Assurance

Dr. Abdalla Ramadan Elgenaidi

Associate Professor

Medical Laboratory Science | Medical Genetics | Academic Leadership

PERSONAL INFORMATION

Date of Birth: 18 February 1973

Nationality: Libyan

Gender: Male

Current Status: Scientific Leave (Sabbatical) - September 2025 to Present

EDUCATION

Ph.D. in Medical Bio-science

University of the Western Cape, South Africa (2012–2016)

Master of Science in Medical Laboratory

Faculty of Medical Technology, Misurata, Libya (2005–2007)

Bachelor of Science in Medical Laboratory

Faculty of Medical Technology, Misurata, Libya (1991–1995)

PROFESSIONAL EXPERIENCE

Dean, Faculty of Health Sciences (Medical Genetics)

Misurata University, Libya (August 2020 – August 2025)

Provided strategic leadership and administrative oversight for all academic, financial, and operational functions. Led curriculum development, program reviews, and accreditation processes. Fostered research environment resulting in increased scholarly output. Managed faculty recruitment and evaluation. Supervised 20 students who obtained master's degrees. Currently supervising 5 master's students and 2 doctoral students.

Faculty Member, Medical Laboratory Science

Faculty of Medical Technology, Misurata, Libya (1998–2008)

Taught medical laboratory science courses and supervised student laboratory work. Contributed to curriculum development and program enhancement initiatives.

ADMINISTRATIVE

• Head of Institutional Accreditation Committee (2021)

• Head, Department of Community Health Nursing (2019–Present)

• Head, Department of Genetic Engineering (2022–Present)

• Director, Office of Studies and Examinations (2019–2020)

• Head, Faculty Union (2018–2023)

MEMBERSHIPS

• Libyan Association for Medical Sciences

• Libyan Association for Medical Laboratory Science

• Libyan Association for Genetic Disorders

• Libyan Association for Medical Research

• South African Society of Physiology

COMPUTER SKILLS

• Microsoft Office Suite

• Statistical Software (SPSS)

• GraphPad Prism

• Research Tools (Mendeley)

• EndNote, Zotero

POSTGRADUATE SUPERVISION

Current Supervision: 5 Master's students & 2 Doctoral students

Completed Supervision: 20 students who obtained their master's degrees

ADMINISTRATIVE ROLES & COMMITTEES

• Head, Department of Therapeutic Nutrition (2016–2020)

• Head, Department of Community Health Nursing (2019–Present)

• Head, Department of Genetic Engineering (2022–Present)

• Supervisor of Training for Nursing Specialization (2020–Present)

• Head, Examinations and Monitoring Committee (2007–2010, 2017–2019)

• Director, Quality Assurance and Accreditation Office (2008–2010)

• Faculty Registrar (2003–2004)

• Laboratory Engineer (1998–2007)

TEACHING INTERESTS & COURSES

Medical Chemistry • Blood Diseases Research • Genetic Disorders • Organ Physiology • Endocrine and Reproductive Physiology • Research Methods • Pathology • Human Genetics

RESEARCH INTERESTS

• Study of medicinal plants on chronic diseases

• Genetic diagnosis and genetic disorders

• Nutritional science and maternal/pediatric nutrition

• Reproductive endocrinology and laboratory medicine

• Therapeutic potential of natural compounds

RESEARCH METRICS

- Total Publications: 23
- Total Citations: 65
- h-index: 3
- i10-index: 1
- Most Cited Work: 46 citations

PUBLICATIONS

1. Mustafa, A., Elgenaidi, A., Elwahaishi, S., & Embiriekah, S. M. (2023). Dietary assessment and nutrition pattern of maternal with gestation diabetes. EUREKA: Life Sciences, 36–44.

2. Farveen, W., Abosalah, M. I., Naamat, W. F., Elgenaidi, A. R., & Mustafa, A. B. (2022). Knowledge about dietary and drugs in coronary heart disease. Journal of Drug and Alcohol Research, 11(6).

3. Mustafa, A. B., Elgenaidi, A., Alkeskas, A., et al. (2021). Impact of parity order on nutritional values of camel milk. Pakistan Journal of Zoology, 53(5).

4. Mustafa, A. B., Faraz, A., Baum, D., Elgenaidi, A., et al. (2020). Impact of early weaning on constituents of camel milk. Open Veterinary Journal, 10(2), 232–238.

5. Mustafa, A. B., Elgenaidi, A. R., Abualshroud, A., et al. (2025). Ameliorative effect of camel milk on high-fat diet-induced alterations.

6. Abukhattala, E., Mustafa, A., Elgenaidi, A., & Danfour, M. (2025). Evaluation of serum interleukin-6 level in hepatitis B patients.

7. Elwahashi, S., Murad, S., Elgenaidi, A., & Mustafa, A. (2025). Dietary practices and social attitudes trend of infants. Journal of Public Health and Community Medicine, 3(4).

8. Elbahloul, M., Amer, K., Elaswdi, H., & Almajdoub, O. (2025). Assessment of knowledge about tuberculosis among nurses in Misurata.

9. Elaswdi, H., et al. (2024). Vitamin D deficiency as a risk factor for metabolic syndrome. Libyan Journal of Medical Research.

10. Mustafa, A., Elgenaidi, A., & Abukhattala, E. (2024). Protective effect of camel milk on cholesterol-induced fatty liver disease.

11. Mustafa, A. B., Elwahaishi, S., & Elgenaidi, A. (2023). Prevalence and indications of preschooler obesity in Libya.

12. Benhasan, M. H., Elshawesh, M. A., & Elgenaidi, A. R. (2022). Ameliorative effect of green tea on obesity. Al-satil, 16(29).

13. Mustafa, A., Elgenaidi, A., Bashari, M. (2020). Assessment of nutrition pattern among nursing students.

14. Mustafa, A., Elgenaidi, A., Elwahaishi, S., & Ageel, F. (2020). Prevalence of iron deficiency anemia among nursing students. MMSJ, 4(2).

15. Ayad, B. M., Elshawesh, M. A., Alatresh, O. K., & Elgenaidi, A. R. (2020). Protective effect of pomegranate peel extract. MMSJ, 4(2).

16. Mustafa, A. B., Ismail, M., Abdelmalek, M., Elgenaidi, A., & Abukhattala, E. (2021). Anthropometric measurements and growth evaluation of infants.

17. Elgenaidi, A., Asherkaci, H. M., & Danfour, M. (2018). Human oocyte activation after ICSI. Libyan Journal of Health Sciences.

18. Mustafa, A. B., Elgenaidi, A. R., Faye, B., et al. (2018). Impact of parity on chemical composition of camel milk. ISOCARD.

19. Dkhil, M., Elgenaidi, A., & Danfour, M. (2009). Preservation of human spermatozoa. Journal of King Saud University - Science, 21(3), 167–172.

20. Al-Glaib, B., Elderdfi, M., Al-Tuhami, A., & Dkhil, M. (2008). Effect of electromagnetic radiation from mobile phones. Libyan Journal of Medicine, 3(1).

KEY ACHIEVEMENTS

• Led institutional accreditation initiatives

• Supervised 20 master's graduates

• Currently mentoring 7 postgraduate students

• 23 peer-reviewed publications

• 65 research citations

• h-index: 3

• Active in 6 professional association

CONFERENCES & WORKSHOPS

• First Conference on Medical Sciences, Misurata (October 2018) – Scientific Committee Member

• Second Conference on Laboratory Medicine, Misurata (May 2019) – Scientific Committee Member

• Second Conference on Laboratory Medicine for Maghreb Countries, Tunisia (October 2019)

• Nineteenth Conference on Organ Physiology, South Africa (September 2014) – Paper Presentation

• Annual Conference of University of the Western Cape (October 2015) – Paper Presentation

• Flow Cytometry Workshop, University of the Western Cape (2014)

• Cell Culture and Tissue Culture Training Course, University of the Western Cape (2012)

• Vaccination and Genetic Disorders Training Course, University of the Western Cape (2015)

• Laboratory Safety and First Aid Training Course, University of the Western Cape (2012)

• Hospital Infection Training Course, Tripoli (2003)

DISSERTATIONS & THESES

Elgenaidi, A. R. (2015). Effects of Libyan Traditional Plants on the Reproductive System of Male and Female Rats. Doctoral dissertation, University of the Western Cape.