Curriculum Vitae



Prof. Ayman Balla Mustafa Yassien

Summary

A full professor with a postdoctoral fellowship and over 20 years of experience in teaching and research innovation in nutrition programs, specializing in nutrition assessment, public health nutrition, and diet therapy. Extensive background in university teaching, research, curriculum development, and clinical practice. Passionate about advancing therapeutic nutrition for vulnerable populations.

Teaching philosophy

Nutrition is a science full of creativity and innovation; there is no doubt that it stimulates the curiosity of students and researchers and their passion for discovering the wonders of nutritional sciences and its connection with life sciences, developing their creativity, enhancing their ability to think critically, and preparing them for a complex life full of challenges in light of scientific and technological development.

Personal Data

Current address: Misurata, Libya

Telephone No +21892822538, +218916157131

E-mails: a.yassien@nurs.misuratau.edu.ly

ORCID: https://orcid.org/0000-0003-0606-784X

Research gate: https://www.researchgate.net/profile/Ayman_Mustafa

Google Scholar: https://scholar.google.com/citations?user=LAZwn6EAAAAJ&hl=en

Scopus: Mustafa, Ayman Balla - Author details - Scopus Preview

Web of Science Researcher ID: JOJ-6530-2023

Academic Qualifications:

2025 Postdoc Fellowship in Nutrition Security, Senior Fellowship Program, Grassroots Institute, Montreal, Canada. https://glp.grassrootsinstitute.ca/

2014 Ph.D. Diet Therapy and Nutrition (Dairy Science), University of Khartoum, Sudan.

2007 M.Sc. Nutrition Sciences, University of Khartoum, Sudan.

2003 B.Sc. (Hon) Agricultural Sciences (Food and Nutrition), University of Juba, Sudan.

2020 SCOPE Certificates of Obesity and Body Weight Management, World Obesity Federation, London, UK.

Academic Experience:

2025—Now: Full Professor in the Therapeutic Nutrition Department, Faculty of Health Sciences, University of Misurata, Libya.

Responsibilities: Head of Therapeutic Nutrition Department, teaching and quality assurance for Therapeutic Nutrition programs accreditation, research, and supervision of applied nutrition in laboratories and hospitals, and field surveys. Research supervision of graduate and postgraduate research.

2021–2024: Associate Professor in the Therapeutic Nutrition Department, Faculty of Health Sciences, University of Misurata, Libya.

Responsibilities: Teaching and quality assurance for the Therapeutic Nutrition program accreditation; research; supervision of applied nutrition in laboratories and hospitals; and field surveys. Research supervision of graduate projects.

2020–2025: Associate Professor (Partial) in the Department of Life Sciences, The Libyan Academy for Graduate Studies—Misurata, Libya.

Responsibilities: Teaching nutrition and related courses, research, and supervising postgraduate theses.

2016–2020: Assistant Professor in the Therapeutic Nutrition Department, Faculty of Nursing and Health Sciences, University of Misurata, Libya.

Responsibilities: Teaching and quality assurance for Therapeutic Nutrition program accreditation; research; supervision of applied nutrition in laboratories and hospitals; and field surveys.

2016–2017: Assistant Professor (Partial) in Nutrition Sciences, Faculty of Medical Technology, Misurata, Libya.

Responsibilities: Teaching Nutrition and Food Sciences courses; research supervision of graduate projects.

2014–2016: Assistant Professor of Nutrition Sciences, College of Veterinary Medicine, University of Al-Butana, Sudan.

Responsibilities: Teaching nutrition sciences and related courses; research supervision of graduate projects.

2012–2015: Senior Trainer (Partial) of teaching Clinical Nutrition and New Trends in Nutrition courses, Scars Centre for Training.

2009 – 2015: Senior Trainer (Partial) of teaching Clinical Nutrition Sciences and Food Safety courses, Golden Care Centre for Training.

2007–2010: Lecturer of teaching nutrition sciences and related courses, College of Rural Development and Community Studies, University of Juba.

Taught the courses to (B.Sc. Therapeutic Nutrition)

✓ Nutrition and Diet Therapy	✓ Introduction to Human Nutrition
✓ Principles of Nutrition Sciences	✓ Malnutrition Diseases
✓ Nutrition throughout the Life Cycle I, II	✓ Dietary requirements and meal planning
✓ Food hygiene and quality control	✓ Nutrition Screening and Assessment, I, II
✓ Sports Nutrition	✓ New Trends in Nutrition
✓ International Health and Nutrition	✓ Enteral and Parenteral Nutrition
✓ Clinical Nutrition	✓ Clinical assessment in nutrition

Taught the courses of (M.Sc. of Therapeutic Nutrition and Biomedical Science)

- ✓ Nutrition in Nursing Practices
- ✓ Research Methodology
- ✓ Nutrition Screening and Assessment
- ✓ Medical Nutrition Therapy
- ✓ Nutrition Physiology

Professional experiences:

- ✓ Consultant dietitian and nutritionist: Aquzeer Hospital, Clinical Nutrition Clinic, 2020.

- ✓ Consultant dietitian and nutritionist: Alfurqan Polyclinic, Clinical Nutrition Clinics, 2019 - 2021.
- ✓ Consultant dietitian and nutritionist: Soft Hand Polyclinic, Clinical Nutrition Clinics, 2021.

Administration experience:

- ✓ Chairperson of Higher Studies Committee of the Therapeutic Nutrition Department, Misurata University, 2025.
- ✓ Head Department of Therapeutic Nutrition, Misurata University, 2024 up to now.
- ✓ Chairman of the curriculum development committee, Therapeutic Nutrition Department, Faculty of Health Sciences, Misurata University, 2023-2025.
- ✓ Chairman of Examination Committee, Department of Therapeutic Nutrition, Faculty of Health Sciences, Misurata University, from 2020 to now.
- ✓ Chairperson of curriculum committee of Therapeutic Nutrition Master Program, Misurata University, 2020.
- ✓ Member of Higher Studies Committee, Faculty of Health Sciences, Misurata University 2025.
- ✓ Quality Coordinator of Therapeutic Nutrition Department, Misurata University, 2023-2025.
- ✓ Member of Scientific Research Committee, Faculty of Health Sciences, Misurata University, 2019.
- ✓ Member of the strategic planning Committee, Faculty of Health Sciences, Misurata University, 2019.
- ✓ Member of University Book Committee, Misurata University, 2020/2021.

Training and capacity building Courses:

1) Scientific Research Projects Management and Finance organized by SECS with UNDP in 2006.

2) Training workshop on University Management Skills, University of Bahri, 1-9 Sept.2013.

3) Design and Write of Review and University Book, Deanship of Academic Research-University of Bahri, 1-6 August 2015.

4) Laboratory Management System, ISO/IEC 17025, 7vision Centre for Training, 16-19/Nov/2016, Khartoum, Sudan.

5) Training workshop on course description, self-study report preparation, and curriculum development, University of Misurata, 30-31 March 2019.

6) Nutrition of preterm babies and Intuitive nutrition –Nutrition Unit. Taief Health, 2021, KSA.

7) Clinical scenarios in Enteral and Parenteral Nutrition, 27 March 2021, Saudi Commission for Health Specialist, KSA.

International Contributions:

1) Second Conference of ISOCARD, 12- 14 March 2009, Djerba, Tunisia.
2) International Conference on Ecosystems in the Saharans, 13-15 Dec. 2009, held in the University of Ouargla, Algeria.
3) International Conference of Sustainability of Camel Population and Production, 17-20 Feb.2013, King Faisal University, Al Ahsa, KSA.
4) 3rd Conference of ISOCARD, 29th Jan-1st Fab 2012, Sultan Qaboos University, Muscat, Oman.
5) SIEFAD 2014, 16 – 18 December 2014, organized by the Institute des Régions Arides, Médenine (Oral Presentation) at Djerba, Tunisia.
6) 4th Conference of ISOCARD, 11th-15th June 2015, Almaty, Kazakhstan.
7) 5th Conference of ISOCARD, 11th-15th November 2018, Second Alhassan University, Laâyoune, Morocco.
8) 25th International Conference of Clinical Nutrition, 2nd- 3rd March 2020, series conferences (Poster Communication), Rome, Italy.
9) 1st International Conference of Food and Nutrition, 2021, Tripoli, Libya.
10) International Congress of Health Area, 13th- 14th September 2021, (Oral Communication), Usak, Turkey.
11) Online trainer in Summer Field School Program at The Grassroots Institute, 24 September 2021, Quebec, Canada.
12) 6th Conference of ISOCARD, 11th-15th March 2023, King Faisal University, Alahsa, KSA.
13) European Conference of Nutrition and Dietetics, Madrid, Spain, 22 March 2023.
14) 3rd International Congress of Biology and Health Sciences, 14th- 16th April 2023, (Oral Communication), Webinars, Turkey.
15) Summer Field School on mountain ecosystems and resources management, (speaker participant), 11-20 Sep. 2023, Hungary. www.grassrootsinstitute.ca

16) 2nd International Conference of Food and Nutrition, 17-18, December 2023, Nalut University, Nalut, Libya.
17) 2nd International Conference of Pediatric Nutrition, 21-22, February 2024, Qatar University, Doha, Qatar.
18) 19th International Conference on Advances in Natural Medicines, Nutraceuticals & Neurocognition. June 05, 2023 | Webinar. London, UK.
19) International Conference of Nutri-Food Chemistry. October 03, 2023 | Webinar. London, UK.

Publications:

1) Zain H, Ramadan EA, Mohammed AH, **Mustafa AB**, Ahmed AI, Ebaid EA, *et al*. Effect of Vitamin D supplement on hormonal imbalance and insulin resistance in PCOS patients with deficiency in Misurata, Libya. Adv Hum Biol, June 2026. Doi: 10.4103/aihb.aihb_278_25
2) **Ayman Balla Mustafa**, Abdulmajeed Bashir Mlitan, Abdalraouf Omar Alsraity. Nutrition history of pregnant women during their follow-up in some hospitals in Misurata, Vol 03, Issue 5, pp 309-319, May, 2026. www.ijarpr.com
3) Adela Elamami, Najua Rhayem, Ibtisam Hadeed, Tarek Al-Alareeny, Mahmoud Werfalli, Nadia Alghazir, Nada Benajiba, Aida Elkhituni, **Ayman B. Mustafa**. Free Communications of the Libyan Diabetes Association (LDA) Scientific Conference December 18–20, 2025, Tripoli, Libya. Ibnosina J Med Biomed Sci, 2026; 18:A01–A09. DOI https://doi.org/10.1055/s-0046-1818633
4) Fathi Elzowawi, Maryam Ismail, Khalid Eltohami Medani, Abubaker Abdalsalam, Nagi Ibrahim Ali, **Ayman Balla Mustafa**, Novemeber (2025). The nutrition risk factors associated with obesity among preschoolers at Misurata, Libya. Oeil Research Journal (ISSN:0029-862X) Volume 23 Issue 11 2025.
5) Maryem Elbashier Ismail, Mohammad Shafi Shah, Monjid Ahmed Ibrahim Ahmed, Kamal Eldin Ahmed Abdelsalam, and **Ayman Balla Mustafa**, December (2025). Unraveling Genetic Complexity in Consanguineous Families: Integrating Pedigree Analysis and Genomic Testing for Rare Disease Diagnosis in Libya. Istoria Journal, Volume 8, Issue 12, 2025, https://istoriya.ac, doi.org/10.5281/zenodo.18067035
6) **Ayman Balla Mustafa,** Abdalla Elgenaidi, Ahmed Abualshroud, Amna Abdalla Ali, and Nagi Ibrahim Ali, October (2025). Ameliorative effect of camel milk on high-fat diet-induced histopathological and hepatocellular alterations of Albino rats. Istoria Journal (2079-8784) || Volume 8 Issue 9 2025 || https://istoriya.ac
7) Emhemed Abukhattala, **Ayman Mustafa**, Abdalla Elgenaidi, Eftima AL-Bergli, Fatheia Abozaid et al. August (2025); Evaluation of serum interleukin-6 (IL-6) level

in patients with Hepatitis B. Oeil Research Journal (ISSN:0029-862X) Volume 23 Issue 8 2025.

8) Fathi Mohamed Elzowawi, Mohamed Algobi, **Ayman Balla Mustafa** (2025). Early post-operative complications after metabolic and bariatric surgery in Misurata,Libya: Retrospective cross-sectional study. Journal of Surgical Research and Reviews. 2025; 2(1): 19-23. https://doi.org/10.5455/JSRR.20250422080937
9) Asma Abbas, Suzan Kamal, **Ayman Balla Mustafa**, May (2025). Blood parameter abnormalities in hospitalized patients with confirmed COVID-19 in Misurata, European Journal of Microbiology and Infectious Diseases. 2025; 2(2): 40-51. https://doi.org/10.5455/EJMID.20240712092039
10) Suzan Kamal Murad1, Salem Elwahashi, Maryam Ismail, Abdalla Ramadan Elgenaidi, **Ayman Balla Mustafa**, (2025). Feeding practices and social attitudes of admitted infants into Misurata Medical Centre. Journal of Public Health and Community Medicine. 2025; 3(4): 190-197. https://doi.org/10.5455/JPHCM.20241219080847
11) Hussien Elaswdi, Rasha Elbbakush, Muftah Elbahloul, **Ayman B. Mustafa.** Vitamin D Deficiency as a Risk Factor for Metabolic Syndrome: Insights from a Case-Control Study. Libyan J Med Res. 2024; 18:65-72. DOI: https://doi.org/10.26719/LJMR.18.2.11
12) Salem Elwahashi, Mohamed Mahmud, Maryam Ismail, Fathi Elzowawi, Nada Mohamed Malik, **Ayman Balla Mustafa** (2024). Prevalence and Indications of Preschooler Obesity in Misurata: Anthropometry Assessment Base. J. of pub heal and comm med; 2(1): 15-20. https://doi.org/10.5455/JPHCM.20240824114807
13) **Ayman Balla Mustafa**, Abdalla Elgenaidi, Mohamed Mahmoud, Safa Alsharif, Emhmed Abukhattala (2024). Experimental study on the potential protective effect of camel milk on cholesterol-induced fatty liver disease of albino rats. Journal of experimental and laboratory medicine. 1(3): 73-80. https://doi.org/10.5455/JELM.20240611115910

14) Salma Bessalah, Asim Faraz, **Ayman Balla Mustafa**, Shamsaldeen Ibrahim Saeed, Chanda Liaqat, Waqas Ashraf, Zeeshan Muhammad Iqbal, Muhammad Arslan Akbar, and Mohamed Hammadi (2024). Antibacterial activity of camel colostrum against the pathogenic strain of *Escherichia coli* F17 associated with calf diarrhea. *Open Veterinary Journal*. Vol. 14(11): 1082–1090. https://doi.org/10.5455/OVJ.2024.v14.i11.17

15) Emhemed Abukhattala, **Ayman Balla Mustafa**, Abdalla Eleignaidi, Subhaia Ben Taher, Hussam Zain, Mohamed Abdallah Danfour, and Nagi Ibrahim Ali (2024). A Novel effect of green tea concentrations on reproductive tissues, sperm quality, and liver of male hamster rats. Agrosciencia, Vol. 58 (8): 14-29.

16) Elwahaishi S., **A. Mustafa,** and N. Ali (2024). Risk factors of coronary heart disease patients at Misrata: Awareness and orientation. Proceedings of the 2nd Scientific International Conference in Science & Engineering. Vol. 1: 477–486. http://bwu.edu.ly/icse2023

17) Salma Bessalah, Touhami Khorchani, Mohamed Hammadi, Asim Faraz, **Ayman Balla Mustafa** (2023)**.** Inhibitory potential of natural plant extracts against *Escherichia coli* strain isolated from diarrheic camel calves. *Open Veterinary Journal*. Vol. 13(9): 1082–1090. https://doi.org/10.5455/OVJ.2023.v13.i9.3

18) **Ayman Balla Mustafa**; Abdalla Elgenaidi; Salem Elwahaishi; Salem Mohamed Embiriekah. (2023). Insight into nutrition patterns and attitudes regarding coronary heart disease patients in Misurata. Proceedings' book. ISBN:978-605-71368-5-5. ICBH-2023. Webinar on 14- 15- 16 April 2023. Turkey.

19) **Mustafa, A.,** Elgenaidi, A., Elwahaishi, S., & Embiriekah, S. (2023). Dietary assessment and nutrition pattern of maternal with gestational diabetes at Misurata Medical Centre. *EUREKA: Life Sciences*, 3-11. https://doi.org/10.21303/2504-5695.2023.002957.

20) **Mustafa, A. B.,** & Faraz, A. (2023). Camel Systems and Pastoralists' Lifestyle in Semi-Deserts and Mountains: Constraints and Challenges. Pastures & Pastoralism, 01, 93-113. Doi: https://doi.org/10.33002/pp0106

21) Asim Faraz, Nasir Ali Tauqir, **Ayman Balla Mustafa** (2023). Milk profile of the marecha camel (*Camelus dromedarius*) affected by stage of lactation and pregnancy. *Punjab Univ. J. Zool*., 38(1): 43-51. https://dx.doi.org/10.17582/journal.pujz/2023.38.1.43.51

22) Asim Faraz, Abdul Waheed, **Ayman Balla Mustafa,** and Muhammad Shahid Nabeel (2023). Haematological and hematochemical evaluation of the Marecha camel reared under a farming system. Journal of Agriculture and Food, Volume 3, pp. 1-10. https://doi.org/10.52587/JAF030201

23) Mohanad Bashari, Hani Ahmed**, Ayman Balla Mustafa,** et al. (2023). Fabrication and Characterization of Dextranase Nano-Entrapped Enzymes in Polymeric Particles Using a Novel Ultrasonication–Microwave Approach. *Catalysts* 2023, *13*, 125. https://doi.org/10.3390/catal13010125

24) El-Hamroush, F. H., **Mustafa, A.B.** and Tascı, B. (2022). Job-Related Stress Among Libyan Nurses in the Operating Room of Misurata National Cancer Institute: An Assessment Basis. *Journal of Samsun Health Sciences,* 7(3), 793-806. https://doi.org/10.47115/jshs.1148074

25) Waheedha Farveen, Mohammed Ismail Abosalah, Walid Farag Naamat, Abdalla Ramadan Elgenaidi, and **Ayman Balla Mustafa** (2022). Knowledge about the Dietary and Drugs Used in Coronary Heart Disease and Its Assessment in Misrata Hospital; *Journal of Drug and Alcohol Research*. Vol. 11. https://doi.org/10.4303/jdar/236179

26) Maryem Elbashier Ismail, Tawfeg Ben-Omran**, Ayman Balla Mustafa** (2022). Prevalence and profile of inherited metabolic disorders in Libya: single center experience; *World Journal of Biology Pharmacy and Health Sciences*, 10(03), 060–064. https://doi.org/10.30574/wjbphs.2022.10.3.0085

27) Zainab Abubaker Elzaroug, Intisar Idrees Eldug, **Ayman Balla Mustafa** (2022). Risk factors of preterm babies: Regarding gestational age, maternal medical history, delivery mode, and influences; *World Journal of Biology Pharmacy and Health Sciences*, 09 (02), 028–032. https://doi.org/10.30574/wjbphs.2022.9.2.0036

28) Asim Faraz, Bernard Faye, Cem Tirink, **Ayman Balla Mustafa** (2022). Forced Mating an Efficient Tool in Camel Production to Reduce the Age at Puberty and Calving Interval in Dromedary She-Camel (*Camelus dromedarius*); Punjab University Journal of Zoology; 2022; 37(1): 35-40. DOI: 10.17582/journal.pujz/2022.37.1.35.40

29) Nasir Ali Tauqir, Asim Faraz, Abdul Waheed, **Ayman Balla Mustafa** (2022). Effect of Methionine Supplemented Feed on Nili-Ravi Buffalo Milk Yield and Composition; *Pakistan J. Zool*., pp 1-9. https://dx.doi.org/10.17582/journal.pjz/20210607100639

30) **Ayman Balla Mustafa,** Maryam Ismail, Bahtinur Tasci, Nagi Ibrahim Ali Ahmed Elhamroush (2021). Assessment of Nutrıtıon Educatıon and Eatıng Behavıor Among Nursıng Students at Mısurata Unıversıty, Lıbya. *Journal of Samsun Health Sciences*. 6(3):691-704. DOI: https://doi.org/10.47115/jshs.1019646

31) **Ayman Balla Mustafa**; Maryam Ismail; Mohamed Abdelmalek; Abdalla Elgenaidi; Emhemed Abukhattala (2021). Anthropometric measurements and growth evaluation of infants who are admitted to Misurata Maternity and Pediatrics Hospital, Libya, *American Journal of Sciences and Engineering Research*, Volume 4, Issue 6, 2021, American Journal of Sciences and Engineering Research (iarjournals.com).

32) Asim Faraz, Naeem Khan, **Ayman Balla Mustafa** (2021). Impact of Various Watering Regimes on Physiological and Haematological Parameters in Intensively Kept Marecha (*Camelus dromedarius*) She-Camels in Summer Season, *Open Veterinary Journal*, April 2021, Op. Vet. Journal 11(2):180-187. https://doi.org/10.5455/OVJ.2021.v11.i2.1

33) **Ayman Balla Mustafa**, Abdalla Elgenaidi, Adukali Alkaskas, Asim Faraz, Ahmed Eisa Elhag, Mohanad Bashari, Bernard Faye (2021). Impact of Parity Order on Nutritional Values of Camel Milk in Modern System. *Pakistan Journal of Zoology*, (2021), Vol. 10(2): pp 1-4. DOI: https://dx.doi.org/10.17582/journal.pjz/20200527190548

34) **Ayman Balla Mustafa**; Ahmed Elhamroush; Abdalla Elgenaidi; Salem Elwahaishi; Rania Almahdi (2020). Assessment of Nutrition Pattern among Nursing Students at Misurata University, *Libyan Journal for Food and Nutrition*, Vol. 1: 27-36. First Issue of the Journal December 2020 (Volume 1) – Libyan Society for Food and Nutrition (lsfn.ly)

35) Asim Faraz, Abdul Waheed, **Ayman Balla Mustafa**, Nasir Ali Tauqir, and Ahmed Omer Aldoiab (2020). Comparative growth response related to hair mineral analysis in dromedary camel calves. *Open Veterinary Journal*, Vol. 10(4). DOI: http://dx.doi.org/10.4314/ovj.v10i4.xx.

36) Asim Faraz, Abdul Waheed, Nasir Ali Tauqir, **Ayman Balla Mustafa** (2020). Variations between Rear and Fore Udder-Halves in Barela Dromedary Camel. *Journal of the Saudi Society of Agricultural Sciences*. https://doi.org/10.1016/j.jssas.2020.11.002

37) Asim Faraz, & Carlos Iglesias Pastrana, Annamaria Passantino, **Ayman Balla Mustafa**, Abdul Waheed, Nasir Ali Tauqir, and Muhammad Shahid Nabeel (2020). Pregnancy status and thyroid function in semi-intensive-kept Marecha she-camels (Camelus dromedarius): managerial implications. *Tropical Animal Health and Production*, 2020. https://doi.org/10.1007/s11250-020-02371-x.

38) **Ayman Balla Mustafa**, Asim Faraz, Douglas Baum, Abdalla Elgenaidi, et al (2020). Impact of early weaning on constituents and nutritional values of camel milk in the modern system. *Open Veterinary Journal*, Vol. 10(2): 232–238. DOI: http://dx.doi.org/10.4314/ovj.v10i2.13

39) Asim Faraz, Abdul Waheed, **Ayman Balla Mustafa**, et al (2020). Milk Production Potential of Marecha Camel (Camelus dromedarius) in Extensive and Semi-Intensive Management Systems. *Pakistan Journal of Zoology*, Vol. 3(2): 2–8. DOI: https://dx.doi.org/10.17582/journal.pjz/20200227090212

40) **Ayman Balla Mustafa**; Ahmed Elhamroush; Abdalla Elgenaidi; Salem Elwahaishi; Fatima Ageel (2020). Prevalence of Iron Deficiency Anemia amongst Nursing Students of Misurata University, Libya, accepted as oral communication to 24th

international conference of Clinical Nutrition, Rome, Italy. Published in *Misurata Medical Sciences Journal*, vol 4 (2): 1-5. https://www.misuratau.edu.ly/journal/mmsj/

41) Asim Faraz, Abdul Waheed, Annamaria Passantino, **Ayman Balla Mustafa**, et al (2020). Some Feedlots Do Not Change Biochemical and Wool Mineral Profile in Dromedary. *Punjab University Journal of Zoology* 35(1): 55-60 https://dx.doi.org/10.17582/journal.pujz/2020.35.1.55.60
42) Elhag, Ahmed Eisa, **Ayman Balla Mustafa,** Bernard FAYE, Samia El Badwi (2019). Study of camel's milk and urine influence on blood parameters of albino rats. 3rd *Selçuk Ephesus International Symposium on culture of Camel-Dealing and Camel Wrestling* 17-19 January 2019, Vol (II), pp: 161-178, Selçuk, İzmir, Turkey.
43) Mohanad Bashari, Camel LAGNIKA, Al-farga Ammar, Mandour H. Abdalhai, **Ayman Balla Mustafa** (2019). Impact of Dextran Biodegradation Catalyzed by Dextranase Enzyme on the Crystallization Rate of Sucrose during Sugar Manufacturing. *Journal of Food and Nutrition Research*, Vol. 7, No. 5, 402-408. https://doi.org/10.12691/jfnr-7-5-10
44) Elagba Mohamed, **Ayman Mustafa** (2017). Use of Milk Progesterone assays for determining reproductive performance in Dromedary Camel under Farming System. *International Journal of Scientific Research (IJSR)*, Volume 6, Issue 11**.**
45) Elagba Mohamed, **Ayman Mustafa** (2016). Fatty Acids Content in Milk of Dromedary Camel (Camelus dromedarius) from Farming and Pastoral Systems in Sudan. *International Journal of Science and Research (IJSR)*, Volume 5 Issue 6. https://www.ijsr.net/search_index_results_paperid.php?id=NOV164095
46) Elhag, A. E., Samia M. A. El Badwi; **Mustafa, A. B.** (2016). Hepatoprotective effect of urine of on humped camel (Camelus dromedarius) against ethanol induced liver damage in rats. IJAPBC – Vol. 5(1), Jan-Mar, 2016. 04-34198.pdf (ijapbc.com).
47) Elagba A.M. Mohamed, **Mustafa A. B.,** Khadiga A.A/Atti (2016),. Milk composition of udder quarters of camel raised under intensive farming system, *International*

Journal of Science and Knowledge, Vol. 5; (1): 9-12. (PDF) Milk composition of udder quarters of camel raised under farming system (researchgate.net)

48) **Ayman B. Mustafa,** Elagba H.A. Mohamed, Khadiga A. A/Atti (2015). Impact of management systems and dam aging on the growth rate of camel calves. *IJAPBC* – Vol. 4(3). 05-4270.pdf (ijapbc.com)

49) **Mustafa A. B.,** Elagba H.A. Mohamed, E. Haroun, Khadiga A/Atti M.A. Nikhala S.A. Rahmatalla and A.M.A. Elterife (2015). Effect of Parity on milk yield and dam body change postpartum of Dromedary camel (Camelus dromedarius) under farming system in Sudan. IJAPBC – Vol. 4(1). 18-34163.pdf (ijapbc.com)

50) **Mustafa A. B.,** Khadiga A.A/Atti and M.A AbuNikhala, P. Faye (2014). Impact of Management Practices, Dam Age and Parity on Growth Rate of Camel Calves under Farming System, Science Journal of Agricultural Research and Management, Volume 2014. http://www.sjpub.org/sjpa.html

51) **Mustafa A. B.,** E.H.A. Mohamed, E. Haroun, Khadiga A.A./Atti, and M.A. Nikhala (2014). Effect of Parity on Camel Milk Composition under Traditional Pastoral and Farmed Systems in Sudan. IJAPBC – Vol. 3(2). 8-3176R.pdf (ijapbc.com)

52) **Mustafa A. B.** and E. Haroun and Khadiga A.A./Atti (2014). Nutritional Evaluation of Native pasture as feed for Camels in the Darfur Region, Sudan. Scientia Agriculturae**,** 5 (3), 114-117. www.pscipub.com/SA

53) **Mustafa, A. B.** and Elsharief, S. H. (2014). Marketing of adulteration camel milk in Khartoum state, Sudan. Elite Research Journal of Agriculture and Soil Science Vol. 1(2): 17 – 20. http://www.eliteresearchjournals.org/erjass/index.htm

54) **Mustafa, A.B**. and Khadiga A. Atti. (2012). Trace minerals Profile in wide Pasture and in the blood Serum of camels in Butana Region, Sudan. Res. Opin. Anim. Vet. Sci., 2(5), 329-333.

55) **Mustafa, A.B.** and A. A. Alamin (2012). Chemical composition and protein degradability of watermelon grown in western Sudan. Asian J. of Animal Sciences. 6 (1): 33-37, 2012. http://docsdrive.com/pdfs/knowledgia/ajas/2012/33-37.pdf

56) **Mustafa, A.B.,** E. Haroun, Khadiga, A.A./Atti and S.H.M., Alsharif (2012). Effect of Sex Factor on Macrominerals Profile in Vital Organs of Dromedary Camel in Western Darfur, Sudan. Proceedings of the 3rd conference of ISOCARD, 29th Jan-1st Feb. 2012, Sultan Qaboos University, Muscat, Oman. Pp. 280-281.

57) E. Haroun, **A.B. Mustafa** and Khadiga A.A./Atti (2012). Comparative Assessment of Trace Mineral Levels in Camel Tissues from West Darfur State, Sudan. published in Proceedings of the 3rd conference of ISOCARD, 29th Jan- 1st Feb. 2012, Sultan Qaboos University, Muscat, Oman. Pp. 285-287.

58) Y. M., Abdelrahman, Eisa, M. O., **A. B. Mustafa** and A. M., Salih (2011). Constraints of Camel pastoralists in Gadaref State, Eastern Sudan. Research opinion of animal and veterinary sciences, vol. (3):174-177. Available online: http://www.roavs.com/pdf-files/vol_3_2011/174-177.pdf

59) Eisa, M. O. and **A. B. Mustafa** (2011). Production system and dairy production of Sudan Camel (Camelus dromedarius): a review. Middle-East Journal of Scientific Research 7 (2): 132-135. http://idosi.org/mejsr/mejsr7(2)11/1.pdf

60) **Mustafa, A.B.** and Khadiga A. Atti (2008). Microminerals status of pasture grasses and Camel tissues from the Butana area, Sudan. Juba University Journal of Arts and Sciences, vol. (8), pp. 19-3, 2008.

61) Adela Elamami, Najua Rhayem, Ibtisam Hadeed, Tarek Al-Alareeny, Mahmoud Werfalli8 Nadia O. Alghazir, Nada Benajiba9 Aida Elkhituni, Ayman B. Mustafa

62) **Mustafa, A.B.** (2005). The negative effects of local brick factories on environmental health in Khartoum state. 1st Bricks convention, SECS, 2005, LAB (3) project Workshop (Arabic)**.**

Abstracts:

- **Speaker: Ayman Balla Mustafa**. Dietary assessment and nutrition pattern of maternal with gestational diabetes at Misurata Medical Centre. 30th European Nutrition and Dietetics Conference. 22-23, 2023 | Madrid, Spain.
- **Speaker: Ayman Balla Mustafa**. Protective Effect of Camel Milk on High Cholesterol Diet-Induced Fatty Liver Disease of Albino Rats. The 6th Conference

of the International Society of Camelid Research and Development, 12-16 March 2023. King Faisal University, Al Ahsa, Kingdom of Saudi Arabia.

- **Speaker: Ayman Balla Mustafa**. Camel systems and pastoralists' nutritional security in arid highlands. Resource conservation and management in the mountain ecosystem platform, 21 February 2023. Grassroots Global Fellowship Program. Grassroots Institute, Canada.
- **Speaker: Ayman Balla Mustafa**. Prevalence and indications of preschooler obesity in Libya: Anthropometry assessment base. 19th International Conference on Advances in Natural Medicines, Nutraceuticals & Neurocognition. June 05, 2023 | Webinar. London, UK.
- **Speaker: Ayman Balla Mustafa.** Camel Milk as Superfood and Nutrition for Pastoral Community in Mountain and Arid Areas, Summer Field School, September 19, 2023, Canada-Hungary.
- **Speaker: Ayman Balla Mustafa**. International Conference of Nutri-Food Chemistry. October 03, 2023 | Webinar. London, UK.
- **Speaker: Ayman Balla Mustafa**. Prevalence and indications of preschooler obesity in Libya: Anthropometry assessment base. December 17-18, 2023 | Nalut, Libya.
- **Speaker: Ayman Balla Mustafa**. The factors associated with obesity among preschoolers in the Misurata Area, Libya. 2nd International Conference of Pediatric Nutrition, 21-22 February 2024, Qatar University, Doha, Qatar.
- **Speaker: Ayman Balla Mustafa**. Effect of low card 7-day diet on anthropometric and biochemical markers of PCOS patients in the Misurata Area, Libya. 6th Conference of Libya Society of Clinical Nutrition, 19 April 2025, Tripoli, Libya.

Submitted articles:

- Assessment of Interleukin-6 in the Diagnosis and Management of Patients with Pulmonary Tuberculosis. April, 2025.

- Anticancer Activity and Cytotoxic Effect of Rhizome Extract Against MCF-7 Breast Cancer Cell Line – an In Vitro study**,** Journal of Dialogue in Health, March 2025.
- Effect of Vitamin D Supplementation on Hormonal Imbalance and Insulin Resistance in PCOS Patients with Deficiency, October 2025.

Books/Chapters:

- **Ayman Balla Mustafa**, 2024, Practical guideline of Nutrition Assessment**,** Lambert Academic Publishing, Germany. ISBN: 978-620-8-06353-5. https://www.amazon.com/Practical-Guideline-Nutrition-Assessment-assessment/dp/6208063531
- **Ayman Balla Mustafa**, Asim Faraz, 2023. Camel Systems and Pastoralists' Lifestyle in Semi-Deserts and Mountains: Constraints and Challenges in mountain ecosystems and resources management, the Grassroots Institute, Montreal, Canada. E.Book ISBN: 978-1-7778455-0-6. Doi: https://doi.org/10.33002/mount.a
- **Ayman Balla Mustafa**, Asim Faraz, 2023. Challenges of camel milk as a superfood and health booster: A review. In Emerging Challenges in Agriculture and Food Science Vol. 8. B P International. eBook ISBN: 978-81-19217-38-0. https://doi.org/10.9734/bpi/mono/978-81-19217-36-6/CH3
- **Ayman Balla Mustafa**, 2020, Unique properties and some specifications of dromedary camel milk**,** Lambert Academic Publishing, Germany. Available at: www.amazon.ae
- **Ayman Balla Mustafa**, Khadiga Abass A/Atti 2012, Microminerals level in Natural Pasture and Camel Tissues in Sudan, Lambert Academic Publishing, Germany. at: www.amazon.com

Journal's Editorial Board:

- ✓ Associate editor, Roads in Health Journal, www.theroadsin.com 2026.
- ✓ Editorial board member, Misurata Medical Sciences Journal, Misurata University, 2024. mmsj.misuratau.edu.ly

- ✓ Reviewer, Open Veterinary Journal, 2013, Tripoli University, Libya. Open Veterinary Journal
- ✓ Editorial board member, Grassroots Journal of Pasture & Pastoralism, Grassroots Institute, Canada. Journals | Grassroots Journals
- ✓ Reviewer, Africa Journal of Food Sciences. African Journal of Food Science (academicjournals.org)
- ✓ Editorial board member, Shineeks publisher, 2021 up to now, Las Vegas, USA.
- ✓ Reviewer, World Journal of Clinical Pediatrics, Baishideng Publishing Group Inc, Pleasanton, CA 94566, USA https://referencecitationanalysis.com/
- ✓ Reviewer, World Journal of Gastroenterology, Baishideng Publishing Group Inc, Pleasanton, CA 94566, USA https://referencecitationanalysis.com/

Supervision on graduation research (B.Sc):

- Dietary fiber assessment among some CVS, DM, and HTN patients in Misurata, Libya. Faculty of Medical Technology, Misurata, 2017.
- Prevalence of Iron Deficiency Anemia among nursing students of Misurata University, Libya, Faculty of Nursing and Health Sciences, Misurata University, Libya, 2018.
- Dietary patterns of pregnant women who attended some hospitals in Misurata, Libya. Faculty of Nursing and Health Sciences, Misurata University, Libya, 2019.
- Dietary assessment and risk factors of coronary heart diseases for patients admitted to selective hospitals of Misurata, Faculty of Nursing and Health Sciences, Misurata University, Libya, 2019.
- Anthropometric Measurements and Feeding Practices of Infants Who Attended Misurata Maternity and Pediatric Hospital, Misurata University, Libya, 2020.
- Prevalence of obesity among preschoolers in selected preschool centers at Misurata, Libya, 2020.

- Nutrition assessment of patients with chronic kidney disease in selected hospitals at Misurata, 2021.
- Nutrition pattern, eating behavior, and risk factors for gestation diabetes patients in some hospitals sitting at Misurata, 2021.
- Assessment of dietary patterns and eating habits among colorectal cancer patients in the National Cancer Institute (NCI) at Misurata, 2022.
- Prevalence of Irritable Bowel Syndrome (IBS) among female medical students: nutritional assessment basis, 2022.
- Dietary assessment and risk factors for women with hypertension in some hospitals at Misurata, 2022.
- Prevalence of eating disorders among secondary school girls in Misurata, 2023.
- Nutrition assessment and dietary pattern of patients with laparoscopic sleeve gastrectomy at Misurata, 2023.
- Evaluation of nutrition care regarding hospitalized children with Pneumonia in Misurata Medical Centre, 2024.
- Anthropometry and Biochemical Variations of PCOS Patients Admitted in some hospitals at Misurata, 2024.
- Nutrition assessment and risk factors of Autistic children in selected care centers at Misurata, 2025.
- Assessment of Vitamin-D status and its relation with dietary habits and lifestyle of pregnant women in selected hospitals at Misurata, 2025.
- Effect of dietary supplements and lifestyle factors on the body composition of strength athletes in Misurata, 2025.
- The effect of dietary practices and lifestyle on physical and biochemical parameters of lactating women, 2025.
- Meliorative effect of Moringa leaves powder on health profile, biochemical parameters, and weight changes in rats induced with a high-fat diet, 2026.
- Body composition and dietary habits and their relations to insulin resistance among PCOS Patients in Misurata, 2026.

- Effect of Various Dietary Interventions on Biochemical and Clinical Markers of PCOS Patients in Misurata, 2026.
- Utilize MNA tool in assessment of nutrition status of elders, whose diagnosed with osteoarthritis in clinical setting.

Supervision on (M.Sc.) Thesis:

- Therapeutic effect of camel milk on Non-Alcoholic Fatty Liver Disease – Safa Alsharif, 2020.
- Evaluation of nurses' knowledge, competency and responsibility regarding feeding methods in the Intensive Care Unit in Misurata – Rawida Elseraty, 2021.
- Comparative study of chemical and microbial properties of different types of yoghurt in Misurata markets. Mona Abushahma, 2021.
- Anthropometry and Physiological Variations of PCOS Patients Admitted in some Sebha Hospitals. Nawal Farahat Almahdi, 2022.
- Prevalence of malnutrition among young children with respiratory infection, attending Misurata Medical Centre. Halima Nureddeen Mahjoob, 2023.
- Incidence of Glaucoma and Its Relation with Lifestyle Habits and Medical History in Patients with Diabetes Mellitus in Misurata- Libya. Fatima Abushahma, 2024.

External examiner of M.Sc theses below:

1. The Relationship Between the Severity of sensory neural hearing loss and Serum Vitamin D Levels, Noura Abdallah Mansour, Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2023.
2. Prevalence of Vitamin D deficiency and its correlations with inflammatory markers (C-reactive protein, Interleukin-6, neutrophil to lymphocyte ratio and platelets to lymphocyte ratio), Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2024.

3. Assessment of Vitamin D and Calcium Status of Pregnant Women in Some Hospital at Tarhunah, Noura Allafy, Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2024.
4. Evaluation of serum vitamin B12 and Zinc and their role in the prevention of dental caries in children in Zletin City, Libya. Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2025.
5. Effect of an educational program regarding insulin self-administration in diabetes mellitus patients at Misurata-Libya. Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2025.
6. The relationship between Anti-Mullerian Hormone level and metabolic parameters in women with polycystic ovary syndrome: Across-sectional analysis. Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2025.
7. An Evaluation of In Vitro Effects of Libyan Date Palm Pollen Ethanolic Extraction on Sperm Viability and Motility. Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2025.
8. The Effect of Chlorpyrifos Pesticide on Some Biochemical and Histological Alterations on Local Quails in Misrata / Libya, Degree of Master in animal Science, Libyan Academy, Misurata, 2025.
9. Effect of Vitamin D Supplementation on Hormonal Imbalance and Insulin Resistance in PCOS patients with Deficiency. Hajer Abukhatala, Degree of Master in Biomedical Science, Libyan Academy, Misurata, 2025.
10. Protective effect of nutrition intervention of Vitamin B12 supplement on Type 2 Daiabetics, whose treating with Metformin, Sara Bengazi, Master of Nutrition Sciences, Tripoli University, Tripoli, 2025.
11. Impact of Vitamin B12 as dietary supplement on behavior improvement of Autistic Children in Tripoli. Amna Guma, Master of Nutrition Sciences, Tripoli University, Tripoli, 2025.
12. Effect of an education program regarding insulin self-administration of diabetics at Misurata, Libya. Sanad Mohamed Bogrien, 2025.

13. The effect of diet on reducing complications of *Helicobacter pylori* bacteria, Zinab Afragany, Master of Nutrition Sciences, 2026.

Skills:

- ✓ IT Skills: Windows, Word (English and Arabic Word processing); spreadsheet. Database, Internet use, E-mail.
- ✓ Language: Arabic (mother tongue), English (completely fluent).
- ✓ Ability to work with a team without consideration of attitudes, ethnicity, race, and religion.
- ✓ Good motivation and high responsibility.

Membership:

- ✓ Nutrition Society of Australia (NSA), 2018, www.nsa.asn.au
- ✓ International Society of Camelid Research and Development (ISOCARD) 2007. Website: www.isocard.net
- ✓ Libyan Society of Food and Nutrition, 2021.
- ✓ Sudanese society of scientific research, executive committee member, 2024.
- ✓ General Syndicate of Nutrition Specialists, Libya, 2021.

Referees Persons:

Name: Prof. Mohamed Ahmed Idris

Address: Department of Microbiology and Immunology, College of Medicine and Health Sciences, Sultan Qaboos University, Muscat, Oman. **Mobile:** +96899214134,

E-mail: midris@squ.edu.om

Name: Prof. Bernard Faye

Address: CIRAD, 34090 Montpellier, France. **Mobile:** +33671355928,

E-mail: bjfaye50@gmail.com

Name: Dr. Mohanad Bashari

Address: College of Agricultural and Marine Sciences, Sultan Qaboos University, Muscat, Oman. **Mobile:** +96897436716,

E-mails: mohanad.8181@hotmail.com

Remark: The original document can be shown if requested.