

Name :. Hafsa AbdAljaleal ALemam

Position:

- Assistant Professor
- Specialization: Chemistry

Place of work : Libyan Centre for Biotechnology Research
Tripoli



Scientific Certificates :

The organization and location	Degree	Date of obtaining	Field of study
Alzawia University, Faculty of science	BSc	1993	Chemistry
The Libyan Academy for Graduate Studies.	MSc	2008	Chemistry
Lecturer	-	2014	Libyan Centre for Biotechnology Research Tripoli
Assistant Professor	-	2019	Libyan Centre for Biotechnology Research Tripoli

Employment :

- Department of of Environment, Food, and Biological Application, at Libyan Center for Biotechnology Research,(2010).....still now
- Member of the teaching staff of the Maritime Academy Tripoli , and Faculty of Medical Technology, Tripoli University(2012-2018).
- Assistant Professor in the Quality Department of the National Authority for Genetic Fingerprinting and DNA Research(2021-2023)

Teaching Experience :

- Biochemistry course (2008-2009), Faculty of Medicine, Alzawia University, Libya.
- General Chemistry I,II,III, (2008-2011), Marine Science Academy, Tripoli, Libya.
- Organic Chemistry course (2008-2010), Almajd Alarabi Institute, Tripoli, Libya.
- General Chemistry course (2009-2010), Almajd Alarabi Institute, Tripoli, Libya
- General chemistry course (2014-2015), Higher institute of comprehensive vocations Ghadames, Libya
- Bio chemistry course (2014-2015), Higher institute of comprehensive vocations ,Ghadames ‘ Libya .
- Clinical chemistry course(2018), Dar Al - Alam Institute for Medical Sciences Tripoli, Libya.
- Medical Biochemistry course(2018) Dar Al - Alam Institute for Medical Sciences Tripoli, Libya.
- Clinical chemistry , General chemistry course(2019-2020),in Libya College of Excellence for Medical Sciences, Tripoli, Libya.

Training courses:

1. Workshop on ISO/ IEC 17025, (28/2-04/3 /2010), Biotechnology Research Center, Twisha, Tripoli, Libya.
2. Workshop on internal verification for the quality and efficiency at administrative systems, (25-29 /04 /2010), Biotechnology Research Center, Twisha, Tripoli, Libya.
3. Workshop on statistic methods and propability theory applications, (14-18 /3 /2010), Biotechnology Research Center, Twisha, Tripoli, Libya.
4. Workshop on the basic of children nutrition, Libyan Medical Board, (12 /10 /2010), Tripoli, Libya
5. Workshop on principles of academic writing, and conference presentation. 28- 30/12/2010, Biotechnology Research Center, Twisha, Tripoli, Libya.
6. work shop to establish the Libya Cancer Genomic Research Program(CGRP) at Biotechnology Research Center BTRC July 07/2013, Lecture Hall of BTRC Tripoli, Libya.

7. Workshop for Adoption quality in the interation Day of quality DAT General (19/11/2013)in Tripoli ,Libya.
8. workshop on the preparation of the curriculum in higher in statutes ,in higher institute of comprehensive vocations (8/6/2015) ,Ghadames, Libya.
9. workshop on Academic writing Research (2015) in biotechnology Research Center,Tripoli,Libya.
10. workshop for how to prepare an effective poster presentation (19/1/2016) in Biotechnology Research center ,Tripoli. Libya.
11. Certificate of training course in high performance liquid chromatography (HPLC) included preparation and operation (13-23/1/2013) in Biotechnology Research Center, Tripoli, Libya.
12. Certificate of training course in Atomic Absorption Spectrometer(AAS) included preparation and operation(18-24/11/2013) in Biotechnology Research Center ,Tripoli ,Libya.
13. Certificate of English language in Petroleum Training &Qualifying Institute from,9/1/2011 to 12/6/2013.
14. Certificate of Genetic engineering in Tripoli un Varsity (March- July 2016), Tripoli. Libya.
15. Certificate of How to start doing research(24-25/1/2018) in National Center Of Animal Health, Tripoli. Libya.
16. Certificate of mendeley: reference management software (21-21/3/2018) in National Center Of Animal Health, Tripoli. Libya.
17. Certificate of participation in the First International Libyan water Conference and Exhibition (24-26/4/2018), Tripoli. Libya
18. Certificate in basic principles in bioinformatics(1-3/4/2019), Tripoli University, Libya.
19. Certificate of International Conference on Recent Advances in Medical Science (ICRAMS) hold in Cape Town, South Africa on 24-25 /4/2019.
20. Certificate of Third world congress& Expo on Biotechnology &Nanotechnology& Materials Science(2-3/9 /2019) in Dubai, UAE.
21. Certificate of Third Conference of Basic Sciences and its Applications, (7 / 9/2019) Faculty of Science, Misrata University.
22. Certificate of Breast cancer research conference in Libya (13-15/12/2019) Tripoli, Libya.
23. Certificate of extraction of nucleic acid(RNA)and use of Real Time-PCR Techniques in detection of SARS-COV-2(COVID-19) 8-11/11/2020.
24. Certificate of participation in the first forum for desert spatial development in the city of Ghadames, Libya....29-31/10/2021.
25. Certificate of training program entitled(Molecular Biology and Real-TimePCR Techniques) in Libyan Centre for Biotechnology Research ,Tripoli, Libya, 29/5 To 15/6/2023 .

26. Extraction and separation of active compounds from medicinal plants
Libyan Centre for Biotechnology Research, Tripoli, Libya 3-5/9/2023.
27. Certificate of Food quality, safety and their control systems in Libya,
Faculty of Agriculture, Tripoli University 7/8/2023.

Work experience :

- Member of the committee of internal Auditors on the quality of laboratories in Biotechnology research center in Tripoli, Libya(2013).
- Participating on Hobbit campaign for the study genotype breast cancer when Libyan (16/5/2014).
- Member of the Libyan Organization for Advancement of Science in Tripoli ,Libya(2016).
- Member of the UNESCO Program for Ecological Studies in Libya(2018).
- Member of the Preparatory Committee for the Conference Breast Cancer, Biotechnology Research Center, Tripoli, Libya(2019).
- Member of the Preparatory Committee for the Breast Cancer Research Conference in Libya(2019)
- Member of the Quality Management Committee in the Center for Biotechnology Research Center, Tripoli, Libya(2020).
- Member of the Continuing Education Committee for Biotechnology Research Center, Tripoli, Libya(2020).
- Member of the Preparatory Committee for the First Forum for the Spatial Development of the Desert, in Ghadames(2021).
- Member of the Quality Office of the National Commission for Genetic Fingerprint and DNA Analysis(2021-2022).
- Member of the Quality Office of the Libyan Centre for Biotechnology Research(2023).

Conferences and Seminer:

- Scientific Day on the role of biotechnology in the diagnosis and treatment of cancer(4 /4 / 2010), African Oncology Institute - Subrata, Libya.
- Organic Chemistry Conference (21-24/ 4/ 2008), Cairo, Egypt.
- Third National Conference on Basic Sciences (5/ 11/2009), Garian, Libya.
- National Conference for Educational Techniques in Sciences (21-26 / 5 /1999), Ghadames- Libya.
- Sixth conferences of Biotechnology(21-23/4/2013), Misrata in Libya.
- Scientific Day on Nanotechnology in Biotechnology Research center , (3/10/2016)Tripoli. Liby
- Second international conference on basic sciences& their applications (25-27/4/ 2017) in Omar Almkhtar university, Libya.
- Fifth International Conference on Engineering & Applied Sciences(23/11/2017) Prague, Czech.
- Attendance of the Scientific Day on the Hepatitis C virus (3 /3/2018) at Al Wad an Hotel in Tripoli ,Libya.
- 1st National Conference on Marine and Groundwater pollution (26/2/2018), in Tripoli ,Libya - Maghreb an-Finnish Biotechnology Symposium (MFBS)(19-23/3/2018), Juva city, Finland.
- 1st International Libyan Water Conference and Exhibition, (24-26/4 / 2018)Carinthia, in Tripoli ,Libya.
- The Second Conference of Basic Sciences and its Applications, (1/9/ 2018) Faculty of Science, Misrata University.
- Third international conference on basic sciences& their applications (2-4/10/ 2018) in Omar Almkhtar university, Libya.
- Third Medical Research Conference(11-12/11/2018),in University of Tripoli, Libya.
- Second Mediterranean Congress on Biotechnology (16-20/3/2019), in Yasmine Hamm met, Tunisia..
- International Conference on Recent Advances in Medical Science (ICRAMS) hold on (24-25 /4/2019) in Cape Town, South Africa.
- Third world congress& Expo on Biotechnology &Nanotechnology& Materials Science(2-3/9 /2019) in Dubai, UAE.
- Third Conference of Basic Sciences and its Applications, (7 / 9/2019) Faculty of Science, Misrata University.
- Breast cancer research conference in Libya(13-15/12/2019) Tripoli, Libya

- Fourth Conference of Basic Sciences and its Applications, (5/9/1212) Faculty of Science, Misrata University.
- The first forum for desert spatial development in the city of Ghadames, Libyan Center for Biotechnology Research (29-31/10/2021).
- The 7th Libyan International Conference on Medical, Applied, and Social Sciences. Hotel, Bab-Albahr-Tripoli, Libya (3/6/2023).
- Tripoli Conference on Medical Technologies, Tripoli University, Libya, (11/11/2023).
- The 4th International conference ATEM"23 from Microbial lifestyle to styling ecosystems, Diar Lemdina Hotel, Hammamet, Tunisia, (7-10/12/2023).
- 7th Biotechnology Research Conference. Hotel, Corintia Tripoli, Libya- (24-25/2/2024)

Publications and summary :

Research title

- Alemam .H, Zaid A, Akarem A, Enattah.N, Bashein.A (2015), effect of active cigarettes smoking , water-pipe smoking and sun (NAFFA) inhalation on BMI, Lipid profile, and plasma glucose. A case control study of Libyan males, East African Journal of Public Health, V 12, P 1 March 2015.
- Osama R Shaltami, Fares.F, Fares, Hafsa.A, Alemam, Abdurrahman, A .Abuall(2017), Uranium minerals hosted in the Zarzaitine formation at Tahughatin Area, SW Libya. (23/11/2017) Prague, Czech.
- Aleman, H. Abugeela, M. Lamami, Y. Bashein, A, A study on the Effect of Honey and Olive Oil on Total Blood Cholesterol Level in the healthy individuals Tripolitana Medical Journal ;2018, vol.7 ,No.2, pp 25-28.
- Alemam H., Alalem A., Albul A., Entah N,...etc. EVALUATION OF THE RELATIONSHIP BETWEEN VITAMIN D DEFICIENCY AND OBESITY AMONG LIBYAN PATIENTS WITH DIABETES MELLITUS. International Conference on Recent Advances in Medical Science (ICRAMS) hold in Cape Town, South Africa on 24-25 /4/2019.
- Eman Gusbi, Islam Elzouki, Hafsa A. Alemam, etc. Prevalence of Hepatitis C Infection in Hemodialysis Patients: Report from 37 Hemodialysis Centers in Libya. Libyan Journal of Medical Sciences, V 3 Issue 2 April-June 2019.
- Hafsa A Alemama, Abdounasser Albasher Omarb...etc Plasma Concentration of Cadmium, Lead and Chromium in Smokers and Nonsmokers in Tripoli, Libya: A Comparative Study. Advanced Journal of Chemistry-Section A, 2019, 2(4), 276-282.
- Abdurrahman A. Akarem1, Asma S. EL rammly2, Hafsa A. Alemam1. Nosocomial Blood Stream Infections in Adult Patients Admitted to Al jumhoria Hospital -Benghazi-Libya- International Journal of Applied Science V 5 N14/ 3: ISSN: 2208-2182 .

- Osama R. Shaltam¹, Fares F. Hafsa A. Alemam, Abdurrahman A. Abulla...etc. Geochemical Evaluation of Surface Water Quality and Appropriateness for Drinking and Irrigation Purposes in the Ain Tafarut, Ghadamis City, SW Libya. - International Journal of Applied Science V 5 N14/ 3 : ISSN: 2208-2182
- Eman Gusbi, Nada Elgriw, Shiaa Zalmat, Hafsa Alemam, et. Breast cancer in western part of Libya: Pattern and management (2003-2018),..... et Libyan Journal of Medical Science April-June 2020 Volume 4 | Issue 2 Page Nos. 43-95.
- Hafsa Alemam, Nabil Enattah, Inas Alhudiri, Muna Jilani Assessment of breast cancer risk in Libyan women using the Gail Mode... Libyan Journal of Medical December 4, 2020, IP: 41.254.65.192
- Hafsa A. Alemam, Abdounasser A Omar et A comparative study of alkaline phosphates level in serum of patients with end-stage renal disease, viral hepatitis (C) and (B) Special Issue for The 4th Annual Conference on Theories and Applications of Basic and Biosciences September, 5th, 2020
- Eman Gusbi, Farag I. Eltaib, Hafsa A. Alemam..et, Cancer Incidence in Southern Libya: Libyan Journal of Medical Updated Report from 2016 to 2018, April 10, 2021, IP: 156.38.51.145].
- Mouna Mohamed ElJilani, Hafsa A. Alemam, Abdulla Bashein. Vitamin D and Liver Enzymes' Levels in Libyans with Type 2 Diabetes.. Libyan Journal of Medical.. Monday, October 11, 2021, IP: 41.254.70.59].
- Hafsa A. Alemam, Abdounasser Albasher Omar, Laila Elghawi, Abdulla Bashein. Utilization of MANOVA in investigation of the alteration of serum AST, ALT level and AST/ALT ratio among Libyan hepatitis B and C - Engineering and Science (IJRES), ISSN (Online): 2320-9364, ISSN (Print): 2320-9356 www.ijres.org Volume 09 Issue 10 || 2021 || PP. 24-31.
- Alemam .A.H, Bashein.M.A, karem.A.A, Alnagar A.F. Association of lipid profile and vitamin D supplementation among Type 2 Diabetes Mellitus (T2DM) Libyan patients. International Journal Endocrinology and Diabetes . volume 4 Issue 3 (issn:2694-3875).
- Hafsa A. Alemam, Abdounasser Albasher Omar, Abdurrahman M Sweidan, Manal Khalifa Hasan, Adam Elzagheid.. Statistical evaluation of the role of vitamin D supplementation on glycated hemoglobin levels in Libyan patients with diabetes mellitus type 2. International Journal of Engineering Science and Computing (IJESC) volume 12 Issue No 1.. January 2022.
- Ariej M. Mustafa¹, Halla Elshwekh, Afaf Shebani, Hafsa Al-Emam. Association of COVID-19 severity with vitamin D and blood group. Mediterranean Journal of Pharmacy and Pharmaceutical Sciences. ISSN: 2789-1895.
- Hafsa A. Alemam, Nabil S. Enattah, Abdurrahman Akarem, Abdulla M. Bashein. Correlation between maternal and fetal umbilical cord blood lead concentrations in Libya. East Mediterr Health J. 2022;28(5): World Health Organization (WHO).
- Hafsa A. Alemam, Abdounasser Albasher Omar, Abdurrahman M Sweidan, Adam Elzagheid. Statistical evaluation of the role of vitamin D supplementation on glycated hemoglobin levels in Libyan patients with diabetes mellitus type 2, International Journal of Engineering science and computing (IJESC) January 2022.

- Hafsa .A. Alemam, Mouna. M ElJilani, Abdulla M. Bashein. Effect of Intramuscular Injection of Vitamin D on 25-Hydroxyvitamin D Levels, Glycaemic Control and Liver Enzymes in Libyan Patients with Type 2 Diabetes Mellitus. Libyan International Medical University Journal. DOI: <https://doi.org/10.1055/s-0042-1749117> ISSN 2519-139X.
- Fawzi Ebrahim, Salah Tabal, Yosra Lamami, Hafsa .A. Alemam,etc. Anti-SARS-COV-2 IgG antibodies post-covid-19 or post-vaccination COVID-19 or post vaccination in Libyan population : comparison of four vaccines... vaccines 2022, 10, 2002. <https://www.mdpi.com/journal/vaccines>
- Hafsa .A. Alemam , Abdounasser Albasher Omar Abdurrahman M Sweidan, Khaled. M. Ibrahim. Beneficial Role vitamin D supplementation on thyroid hormone levels among T2DM patients with thyroid disorders: statistical evaluation. International Journal of Science and Healthcare Research vol. 7: Issue: 3; July-sept. 2022 (website : ijshr.com ISSN: 2455-7587).
- Ahmed .A. Zaid, Fahima. A. Alnagar. Adam Elzagheid, , Hafsa .A. Alemam . The Association of sociodemographic characteristics of blood with primary preventive measures (PPM) During COVID-19 pandemic AL-OSTATH spring 2022.
- Mohamed Hadi. M. Abdelhamid, Iman. A. Almselleti, Hafsa .A. Alemam,etc. Hospitalization among vaccines for SARS-COV-2 breakthrough infection after dose sparing strategies in Libya: A cohort study. <https://doi.org/10.1371/journal.0276425> November 3, 2022.
- Asma Elramli, Siham Agouri... Hafsa Alemam, Prevalence of Multidrug Resistant Bacteria in Intensive Care Units and Operation Theatres at different Hospitals in Libya.. 7th Libyan International conference on Medical Applied and Social Sciences (AJMAS)... 3/6/2023.
- Awatif. A. Almaqrahi, Insherah. Idbeaa, Hafsa. A. Alemam. ect. The Public Opinion of the Environmental and Health Impacts of Shale Gas Extraction in Ghadames Extraction in Ghadames. Libyan Journal of Ecological & Environmental Sciences and Technology (LJEEST) (, Vol. 5 No. 2 December 2023.
- Hafsa. A. Alemam , Mofida. M. Alfaid, Mohamed Aljabri,ect. Covid-19 symptoms and post complications among Libyans. The African Journal of Advanced pure and APPLIED Sciences (AJAPAS).. volume 3, Issue 1, January-March 2024
- - Siham R. Agouri, Asma Elramli, Ghassan Tayh, Hafsa A. Alemam. Correlation between ABO Blood Group typing and Severity of COVID-19 Cases in Ghadamis City, Libya, African Journal of Biological Sciences Afr. J. Bio. Sc ISSN: 2663- 218 6(16)2024
- - Hafsa A Alemam, Abdounasser Albasher Omar, Ammar Kh. Asloug, Farag I. Eltaib, Negative Impact of Cigarette Smoking on Hematological Parameters in Healthy Libyans, Bioscan Volume- 21 Number- 04 December (2024) ISSN: 1539-2422 (P) 2055-1583.
- - Ghassan Tayh, Asma Elramli Hafsa A. Alemam. Association of Cycle Threshold (Ct) Values of SARS-CoV-2 RT-PCR with Disease Severity and Symptoms among COVID-19 Patients in Ghadamis, Libya. Infection Epidemiology and Microbiology. 2024; 10(4): 309-317, ISSN: 2588-4115
- - Hafsa A. Alemam¹ , Abdusalam Sharef Mahmoud, Mouna A. Abdunnabi² Khaled M. Ibrahim⁵ , Adam Elzghie⁵, Case fatality rate of zoonotic SARS-CoV2 and associated risk factors in the Libyan population Open Veterinary Journal, (2025), Vol. 15(2): 885-892, ISSN: 2226-4485 (Print) Research Article ISSN: 2218-6050 (Online), DOI: 10.5455/OVJ.2025.v15.i2.37(2025)

Membership:

- In Biotechnology Research center ,Tripoli. Libya.
- The International Clinical Cytometer Society.
- Chemistry Libyan Society
- La Society Tunisiens de Microbiology.
- Founding member of the Libyan Association for Nanotechnology.
- Libyan Canadian Association for Cooperation and Development.
- Member of the Quality Assurance Office in Libyan Centre for Biotechnology Research – Libya.

Personal skills:

Mother Language	Arabic		
Other Languages	Listening	Speaking	Writing
English	Excellent	Excellent	Excellent

Computer skills:

MICROSOFT PACKAGE
world Wide Web

Other related skills

SPSS
Minitab
Sigmaplot
ChemBioDraw

Libyan Centre for Biotechnology Research Tripoli		
Mobile: +218916911235	Mobile: +218916911235	
Website:	E_mail <i>Hafsa alemam @yahoo.com</i>	