

HAMEDA ASRAFEL

Assistant Professor

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Language Proficiency:
English. Arabic.

Education & Qualifications.

2008-2012: I successfully completed Post Graduate Trainee Medical Scientist Programme. The Academy of Medical Laboratory Science (AMLS) Dublin, Ireland. I became eligible for AMLS on 22nd of October 2009. Member of the AMLS since 2010. My MSc have been accepted by the AMLS for Fellowship of the Academy in transfusion.

2002- 2004: Master Degree Of Science (MSc). Institute of Immunology, Department of Biology, National University of Ireland, Maynooth.

1991 – 1996: Bachelor's Degree (B.S.E.) in medical laboratory Science. Faculty of Medical Technology, University of Derna, Libya.

Professional Experience

- **3/2020 – 3/2022:** Head of registration, study & examination office, College of medical Technology/Derna, Libya.
- **1/2020 up 3/2020;** Head of scientific coordinator; College of medical Technology/Derna, Libya.
- **4/2019 up to date;** Lecturer at Laboratory Medicine Department,; also work as a supervisor with Derna health service at the blood bank (estimate the blood bank service and write a report about them). Also I work as a Collaborator with blood bank center / Tobruk
- **1/10/18 up to 4/2019:** Manager of the strategic planning office at the National Board for Technical and Vocational Education, Ministry of Education STATE OF LIBYA
- **09/2012- up 2019:** Head of Laboratory Medicine Department, Faculty of medical Technology/Derna, Libya. Also Lecturer at Faculty of Medicine / University of Omer Almoktar/ Derna, Libya. Subjects (blood bank, Histology, parasitology clinical training).
- **11/08-7/12:** Medical Scientist, NAT Lab, IBTS, National Blood Centre, James Street, Dublin8, Ireland. Performing the routine daily NAT testing on Tigris. Archiving. Presented Journal Clubs, Lab stock check and ordering From Suppliers. Teaching laboratory medical students.
- **04/11- 10/11:** Medical Scientist, Donor Grouping Lab, IBTS, National Blood Centre, James Street, Dublin8, Ireland. My main duties are the operation of the PK7200 Blood typing system, preparation of antisera & red cells, selection and use of controls, diamed antibody ID& titration,. Confirmation of antibody test using diamed liss/coombs& enzyme split cards on Qasar, Antibody screening of neonatal donations using a 3 cell screen, antigen screening and typing on the Qasar. Screening of HbS.

- **11/08-03/2011:** Medical Scientist, NAT Lab, IBTS, National Blood Centre, James Street, Dublin8, Ireland. Performing the routine daily NAT testing on Tigris. Archiving, presented journal clubs, Lab stock check and ordering from Suppliers.
- **03/08-11/08:** Medical Scientist, Virology department, IBTS, National Blood Centre, James Street, Dublin8, Ireland. My main daily duties were 3 performing virology testing at ETIMAX for CMV & Syphilis Abs. Prism for (HIV, HTLV, HBC. HBSAG, HCV), archiving.
- **2002- 2007:** Worked in the Lymphocyte Biology Lab. Institute of Immunology, Department of Biology. NUI Maynooth Co. Kildare. The Title of my Project is Natural Killer Cells and Natural Killer Receptors Positive T Cells in Hepatitis C Virus.
- **1997–2000 :** Lab. Technician and Demonstrator in parasitology, Microbiology, Histopathology Dep. University of Derna, Faculty of Medical, Technology, Libya.
- **1997-** Worked in the EL-Wahda Hospital, Derna, Libya Histopathology, Microbiology, Parasitology, and Biochemistry, in Blood Bank, Hematology, and Immunology Laboratory as a laboratory technician.

Academic Activities

- Complete a training course in biorisk management awareness raising and biosafety officer training by the libyan national Committee for biosafety and bioethics.
- Participant as Lecturer and Examiner in the Professional Diploma in Laboratory Medicine programme
- Gave a presentation (how to ensure the safety of blood Transfusion).at the world blood donation day at Tobruk 2021.

- Participant at the Libyan conference for laboratory medicine, Misrata , Libya. April 2018,
- Presented a talk at the first Libyan conference for laboratory medicine, Tripoli, Libya. April 2016.
- Attended different international scientific conferences in Ireland, Italy.
- Presented academic poster at International Conference, Hepatitis C-Past, Present, and Future. Trinity College Dublin, 25th-27th June 2003. 4.
- Won the first price for poster and oral presentation at Irish Society for Immunology annual meeting, St. Vincent's University Hospital, 18th-19th September 2003.
- Training student for working in the lab in Faculty of Medical Technology, University of Derna .Libya.
- Participate in training student (Practical and Tutorial) in Parasitology and Histopathology for the 3rd and 4th year students in Faculty of Medical Technology, University of Derna .Libya Attended research work , independent study project in the final year (Prevalence of Giardiasis in School Children in Derna, Libya).

Publications:

- Peripheral Natural Killer (NK) cells are depleted and functionally impaired in chronic HCV infection). Lucy M. GoldenMason · Hamed Asrafel · Hugo Rosen · Laura MadrigalEstebas · John Hegarty. **Article** in Hepatology 38:458-459 · December 2003.
- Seroprevalence of transfusion-transmissible infections HIV, HBV, and HCV among blood donors in Derna, Libya. Hamed Asrafel, Ahmed Faleh, Nasrein Gadaime. Asrafel et al., 10(1): Jan., 2019:6048-6051] CODEN (USA): IJPLCP ISSN: 0976-7126.

- Can rely on guessing blood glucose values in the management of an emergency tooth extraction in diabetic patients. Cross-sectional study in Derna city, Libya Ashraf Saad Elzer, Hamed Asrafel , Alzubair A Alhasni. African Journal of Advanced Pure and Applied Sciences (AJAPAS) Online ISSN: 2957-644X Volume 1, Issue 4, October-December 2022, Page No: 312-319 Website: <https://aaasjournals.com/index.php/ajapas/index> ||Arab Impact factor 2022: 0.87|| sjifactor 2022: 4.308 || ISI 2022: 0.557.
- Distribution of ABO Blood Groups and Rhesus Factor in Derna, Libya, Salwa Muftah Eljamay, Hamida Esrafeil Elshalwi, Mohammed Fouzi A;qabaeli, Allafi A. Alkarimi, Tobruk University Journal For Medical Sciences (TUJMS)ISSN No: 27892093 Volume (4): Issue June 2022.
- Incidence of Various Types of Cancer in Eastern Part of Libya Salwa Muftah Eljamay, Hamed Asrafel2 , Moataz Elsalhen Elfakakhri , Esam Fouzi Layyas4 , Abdul Qadir Ahmed Alhusani. African Journal of Advanced Pure and Applied Sciences (AJAPAS) Volume 1, Issue 3, August 2022, Page No: 44- 54.
- Awareness and Knowledge of Libyan Women about Endometriosis, Salwa Muftah Eljamay, Jannat Ebrayek Elhassadi, Hamed Asrafel. East Asian Journal of Multidisciplinary Research (EAJMR) Vol. 2, No. 3 2023: 907-916.

References:

1. .Ashraf Saad Elzer. Assistant Professor at Department of Dental Technology College of Medical Technology Derna, Libya.
ashrafsmelzer@yahoo.com.
2. Fiona Kearney, Chief Medical Scientist, NAT Laboratory. I.B.T.S., National Blood Centre, St. James's Street, Dublin 8, Ireland.Tel: 00353 1 432 2874. Fiona.Boland@ibts.ie.
3. Joe Donnellan: Head of testing, IBTS, national blood centre, James street, dublin8, Ireland, Ph:+353(01)4322883, joe.Donnellan@ibts.ie
4. Padraig Williams, Chief medical scientist, Virology department, IBTS, national blood centre, james street, dublin8, Ireland. Ph:+ 353(01) 4322800 ext 2804, Padraig.williams@ ibts.ie.
5. Dr. Derek Doherty. Institution of Immunology, Department of Biology. NUI Maynooth. Co Kildare. Tel: 0035317083856. Email: Derek.g.doherty@may.ie

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