

Curriculum Vitae (CV)

Personal Information:

- **Full Name:** Asma Ali Abudabbous
- **Date of Birth:** 25\ Aug.\1982
- **Nationality:** Libyan
- **Address:** Misurata \ Libya.
- **Phone:** 00218916430846
- **E-mail:** Asma.abodabous@gmail.com



Job Title:

- Lecture in molecular biology. (2018)
- Head of Genetics and Biotechnology Department\ Faculty of Science, University of Misurata. (2024)
- Head of Molecular Biology Department, Office of Research and Consultation in Life Sciences (2025)

Education

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| M.Sc. in Zoology, Libyan Academy – Misurata Branch, Libya | (2008) |
| B.Sc. in Zoology, Faculty of Science, University of Misurata, Libya | (2018) |

Published Papers in Peet reviewed journals

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| • Asma A. Abudabous, Mustafa M. Drah. (2024), Detection of <i>MUTYH</i> gene mutation of exon 7 in colorectal cancer patients in Misurata. 1 st Misurata International Congress of Humanities and Applied Sciences 29-30 / 04 / 2024. | (2024) |
| • Ehsan M. Idris, Asma A. Abudabous, Mustafa M. Drah, Khadega O. alsdaei, (2024). Detection of mutations in the <i>OPRM1</i> gene among smokers in the city of Misurata. <i>Alsatil Journal</i> , Misurata university, (18)37 p.p 31-64. | (2024) |
| • Wafa F. El Matoni, Asma A. Abudabous, Salem A. Matoug, Abdulhakim S. Khadar, Mohamed A. Aween (2023). Evaluation of the protective role of zinc against cadmium induced hepatotoxicity in | (2023) |

local male quails (<i>Coturnix</i> sp.). Alsatil Journal, Misurata university, (17)35 p.p 117-136.	
Abudabous, A., Idris, E. M., Drah, M. M., Haded, H. A., & Aburwais, A. M. (2023). Detection of <i>MUTYH</i> Gene Mutations in Hereditary Colorectal Cancer Libyan Families. Scientific Journal for Faculty of Science-Sirte University, 3(2), 162-166.	(2023)
Haded, H. A, Abudabbous, A. A, (2023). Effect of sodium benzoate and aqueous extract of fenugreek seeds on some vital parameters of local quails in Misurata city. The 7th Annual Conference on Theories 12\2023	(2023)
Asma Abudabous, Mustafa Drah, Mamdouh Aldehmani, M. Iqbal Parker, Omar Alqawi (2021). KRAS mutations in colorectal cancer patients in Libya. Molecular and Clinical Oncology, V(15)197,p. 1-6	(2021)
Almani, Drah, Aburwais, Abudabous. (2020) Detection of BRCA1 mutation causing breast cancer in libyan family. special Issue the 4 th Annual Conference on Theories 12\2020	(2020)
Abudabous A., Drah M., Aldehmani M., Parker I., Alqawi O., (2018). Kras mutation profiling in patients with Colorectal Cancer. La Tunisie Medicale; vol96 (04).p.p 196-197	(2018)
Abudabous A., Altohami B., Hrib S., Alhidad F., Mohamed H., Aohida A., Drah M., Almagdob L., (2008). Study of some factors affecting the prevalence of diabetes in Misrata, The proceedings of the 7th conference of Libyan University, Sebha, Libya.	(2008)

Abstracts in Scientific Conferences

Abudabous, A., Drah, M. M., & Aburwais, A. M (2024). Detection of <i>MUTYH</i> gene mutation of exon 7 in colorectal cancer patients in Misurata. The conference on biotechnology and its role in serving society during the period February 24-25, 2024 Tripoli.	(2024)
Abudabous, A., Idris, E. M., Drah, M. M., Haded, H. A., & Aburwais, A. M. (2023). Detection of <i>MUTYH</i> Gene Mutations in Hereditary Colorectal Cancer Libyan Families. The 4th Conference of the Maghreb Union of Medical Laboratory Associations, 2023.	(2023)

- Abudabous, A. (2022) Genetic study of hereditary colorectal cancer, Scientific Research Day, Faculty of Science, Misurata University, 25\6\2022. (2022)

- Asma A. Abudabous, Mustafa M. Drah, Khadega O. alsdaei, (2022) Study of some Genetic Factors the spread of the scourge of smoking within Misurata Scientific Research Day, Faculty of Science, Misurata University, 25\6\2022. (2022)

- Asma Abudabous, Omar Alqawi (2019). Molecular Diagnostics of Colorectal Cancer, First symposium on Medical Genetics, Faculty of Medicine, Sirte University, Libya, 2/4/2019. (2019)

- Asma Abudabous, Mustafa Drah, Mamdouh Aldehmani, Iqbal Parker, Omar Alqawi (2018). KRAS mutation profiling in Libyan patients with colorectal cancer patients, Second Mediterranean Congress on Biotechnology MCB2, Hammamet, Tunisia, 16-20/3/2019. (2019)

- Asma Abudabous, Mustafa Drah, Mamdouh Aldehmani, Iqbal Parker, Omar Alqawi (2018). KRAS mutation profiling in Libyan patients with colorectal cancer, 11th Conference of African Society of Human Genetics (AfSHG) & 12th H3Africa Consortium Meeting, Kigali, Rwanda, 19-21/9/2018. (2018)

Workshops

- Training Agenda: Next Generation Sequencing (NGS): From Library Preparation to Data Analysis, Applications in Targeted Sequencing Training Dates: November 4th – November 8th, 2024. ABS Advanced headquarters, Tunis, Tunisia
- The first biotechnology and genetic engineering workshop 24 Feb. 2024, Jordan (online).
- Awarded the U.S Certified Instructor in Genetic Engineering, Molecular Biology, January 19, 2024 to January 19, 2029. American Institute of Professional Studies.

- The uses of artificial intelligence tools to develop scientific research and generate research ideas, Dec 29th, 2023, duration: Two hours, Schobot (online).
- Framework of the WP4 of IBTIKAR project, local training organized by Misurata University from December 26th to 28th, 2023.
- Bioinformatics, The 4th Conference of the Maghreb Union of Medical Laboratory Associations, 4\3\ 2023.
- DNA Extraction Course, Certificate of Attendance on Scientific Research Unit at Misurata Central Laboratory in 8\2021
- DNA Extraction Course, Certificate of Attendance on Scientific Research Unit at Misurata Central Laboratory in 7\11\2020
- Part in a Mendeley presentation hosted by Mendeley advisor Ahmad M. Ramadan on 22-2-2017. Mendeley Certificate of Attendance.

Awards and Scholarships

- SMART fellowship from International Centre for Genetic Engineering and Biotechnology (ICGEB), for 3 months: Sep.2018 to Dec.2018 in Molecular Biology . Cape Town University, South Africa.

Scientific Activities & Training

- Participation in organizing the 4th Scientific Research Day held at the Faculty of Science, Misurata University (2–4 June 2025).
- Safety during the 1st Libyan International Conference on Chemical and Biological Safety and Security (27–28 May 2025).
- Participation in the Scientific Departments Outreach Program in several high schools in Misurata (17–18 April 2024).
- Participation in the Evaluation of Scientific Contributions during the 3rd Scientific Research Day (29 July 2024)
- Member of the Evaluation Committee for the Best Graduation Project at the Faculty of Science, Misurata University (Academic Year 2023–2024).
- Participation in the 7th Annual Conference on Theories and Applications of Basic and Life Sciences (16 December 2023).

- Attendance of the Teacher Preparation Course organized by the Center for Training and Human Resources Development, Misurata University (2023).
- Attendance of a Workshop on the Use of Bioinformatics in Studying Selected Genes (November 2023).
- Attendance of a Workshop on Biological Participation in the First Scientific Research Day of the Faculty of Science (25 June 2022).

Skills

- Laboratory techniques: [PCR, qRT-PCR, Gel Electrophoresis, sequencing]
- Computer skills: [MS Office, Bioinformatics tools]
- Languages: [English –Arabic]
- Public Speaking & Presentation Skills
- Effective Communication
- Teamwork & Collaboration
- Report Writing & Official Correspondence