

CURRICULUM VITAE

Dr. Lubna Mohamed Ibrahim

Assistant professor of Human Genetics

Medical Research Institute

Alexandria university

Personal Details:

Name: Lubna Mohamed Ibrahim Desouky

Sex : Female

Nationality: Egyptian

Date of birth : 13 / 4 / 1975

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Education and Qualifications :

Faculty of Medicine –Alexandria university- 1999

Master degree in Human Genetics - Medical Research institute-
Alexandria university. 2005

PhD in Human Genetics - Medical Research institute- Alexandria
university . 2011

Current position : Assistant professor of Human Genetics department –
Medical Research Institute – Alexandria university

Specialty: Molecular and clinical genetics

Employment History

- **Administrator** in Human genetics Department, Medical Research Institute, Alexandria university 2002-2005.
- **Assistant lecturer** in Human genetics Department, Medical Research Institute, Alexandria university 2005-2011.
- **Lecturer** in the Human genetics department from 2011.
- **Assistant professor** of Human Genetics from 2018
- **Supervisor of the Genetics clinic** – Human Genetics department, Medical Research Institute, Alexandria university .2016-2017
- **Supervisor of the molecular students lab** in the Human Genetics department, Medical Research Institute, Alexandria university 2014-2024
- **Supervisor of the molecular Genetics lab** in the human genetics department from 2020-2024

Work experience:

Clinical assessment and diagnosis of cases with genetic background attending the Genetics clinic, Medical Research Institute Alexandria University.

Genetic counselling for couples and families with history of genetic disorders.

Working in the Molecular Genetics lab (Medical Research Institute Alexandria University) , this work includes : DNA extraction and RNA extraction from blood samples, PCR and RT – PCR amplification , using restriction enzymes in RFLPS , gel preparation and gel electrophoresis (agarose gel and polyacrylamide gel) .

Molecular genetic testing and diagnosis of diseases like :

- ✓ spinal muscle atrophy .
- ✓ Duchene muscle dystrophy .
- ✓ Philadelphia chromosome transcripts in chronic myeloid leukaemia patients.
- ✓ Y chromosome deletions.

Molecular testing of by PCR-RFLP of various SNPs

ARMS – PCR and Multiplex- PCR for various genes

Scientific activity:

- Participating in the molecular training workshop held in the Genetics Department, medical research institute , 2003 .
- Attending the annual conference of the medical research institute from the year2003 till 2008.
- Co- participant in the training course of molecular biology and PCR held in the biochemistry department , Medical Research Institute , Alexandria university .
- Participant in the clinical training courses held in the medical research institute, Alexandria university.
- Member of the Genetic counselling society –Alexandria- Egypt
- Speaker at the 18th Annual Conference (6th International Conference) - Medical Research Institute , Alexandria University; Multidisciplinary Approach In Cancer Management; 23-26 September, 2014

Scientific activity (continued)

- Attended : Errors of Metabolism (AEWIEM) “3rd Human Genetics and Genome Research Division International Conference- 13th Asian European Workshop on Inborn Errors of Metabolism (AEWIEM)
- Attended the workshop :internal audit conducting according to ISO 15189:2012 - October 2013
- Attended the workshop : Research Design in Biomedical studies - Formulating aims and objectives. High Institute of health 2014
- Attended the work shop :Writing a research proposal - The important information contained in the grant guidelines document -2015
- Attended the workshop held in the clinical pathology department – faculty of medicine – Alexandria university , titled : An introduction to Fluorescent In Situ hybridization (FISH).2015
- Participated with a poster in the sixth Arabic conference of Human Genetics held by the Arabic canter of genetic studies in Dubai –UAE - 2016
- Attended the workshop held by the microbiology department -Medical research Institute –Alexandria university. Titled DNA sequencing. 2016
- Attended the workshop held by the cytogenetic lab – Human Genetics department -Medical research Institute –Alexandria university. Titled Diagnostic cytogenetics 2016.
- Attended the first annual conference of Medical Research Institute Labs titled : Critical issues in laboratory medicine and recent advances in lab research .Together facing the future . 2016
- Attended the 2nd international conference of the chemical pathology department medical research institute titled: Lab quality management and research updates in chemical pathology (steps towards excellence). 2017
- Attended the workshop held by the chemical pathology department - Medical research Institute –Alexandria university. Titled: Method verification made easy. 2017
- Organized and participated in the workshop held by Human Genetics department -Medical research Institute –Alexandria university. Titled Essentials of clinical genetics (Myths versus facts) . 2017

Scientific activity (continued)

- Participated in the workshop held as a part of the 2nd conference of the medical research institute labs titled : Essential Lab Skills and Basic Molecular Genetics Techniques Workshop. 2017
- Attended The tenth conference of African society of Human Genetics “ arranged by the national society of human genetics . 2017 .
- Speaker in the Surgi Alex 2018 conference held by the Surgery department , faculty of medicine , Alexandria university . 2018
- Attended the online webinar organized by the pediatrics neurology unit , Alexandria University : the drug resistant epilepsy in children > 2021
- Attended the international conference : milestones in cancer research from genomics to practice : action in challenging times . Held by the Medical research institute on 13-14 may 2023.
- Speaker in the annual conference of the laboratory departments of the medical research institute : Transitional lab medicine : moving from lab practice to patient care
- Attended The Genomic variant interpretation workshop held by the Human Genetics Department . Medical Research Institute Alexandria University 4-5 October 2025
- Attended workshop held by the Human Genetics Department . Medical Research Institute Alexandria University: cytogenetics from lab to the diagnosis :18-19 November . 2025

List of publications :

- Ragaa A. Ramadan, **Lubna M. Desouky**, Mostafa A. Elnaggar, Mai Moaaz, and Amr M. Elsherif Association of DNA Repair Genes XRCC1 (Arg399Gln), (Arg194Trp) and XRCC3 (Thr241Met) Polymorphisms with the Risk of Breast Cancer: A Case–Control Study in Egypt. **Genetic testing and molecular biomarkers . 2014; 18 (11).**
- Mahmoud R Fassad, **Lubna M Desouky**, Samir Asal, Ebtessam M Abdalla. Screening for the mitochondrial A1555G mutation among Egyptian patients with non-syndromic, sensorineural hearing loss. **Int J Mol Epidemiol Genet 2014;5(4):200-204.**
- MDM2 promoter SNP309 mutation and HS1 expression in chronic lymphocytic leukemia patients: Exploring their assumed prognostic value . Ahmed M. L. Bedewy , Waleed R. El-Bendary, **Lubna M. Ibrahim** **Egyptian Journal of Haematology 2013;38 (3):150-155.**
- Ebtessam Abdalla , **Lubna Mohamed** , Nargues Hassanein .Post –Mortem clinical examination by experienced clinical geneticists as an alternative of conventional autopsy for assessment of fetal and perinatal deaths in countries with limited resources . **The Turkish Journal of pediatrics 2015; 57:146-153.**
- Ragaa Abelkader Ramadan, Moyassar Ahmad Zaki, **Lubna Mohamed Desouky**, Marwa Ahmed Madkour³, Karim Mahmoud Nabil Mohamed Kamel The C161T Polymorphism in Peroxisome Proliferator-Activated Receptor γ 2, but Not Pro12Ala, Is Associated with Diabetic Retinopathy in Type 2 Diabetes Mellitus in an Egyptian Population .**Journal of Diabetes Mellitus, 2016; 6: 1-9.**
- Karim Mahmoud Nabil¹, **Lubna Mohamed Ibrahim Desouky**^{2*} and Ebtessam Mohamed Abdalla³ Association of the PPAR γ 2 Pro12Ala and C1431T Polymorphisms with Type 2 Diabetes and Diabetic Retinopathy in a Sample of Egyptian Patients **Journal of Ophthalmology & Clinical Research . 2016**
- Association of vitamin D receptor and Toll like receptor variants with colon cancer related risk: A case control study in Egypt Ragaa A. Ramadan* , **Lubna M. Desouky**, Mai Moaaz, Mostafa A. Elnaggar, Mohamed Selima, Mohamed Samir, Ebtessam Abdalla. doi:10.1016/j.mgene.2018.05.035
- Mohamed S. Abdel-Hamid¹ | Sherif F. Abdel-Ghafar¹ | Suzan R. Ismail² | **Lubna M. Desouky**² | Mahmoud Y. Issa³ | Laila K. Effat¹ | Maha S. Zaki³ Micro and Martsof syndromes in 34 new patients: Refining the

phenotypic spectrum and further molecular insights. **Clin Genet.** **2020;98:445–456**

- Elhady et al. Association of CHEK2 I157T and SULT1A1 R213H genetic variants with risk of sporadic colorectal cancer in a sample of Egyptian patients Ghada M. Elhady1* , Mostafa A. Elnaggar2 and **Lubna M. Desouky** **Egyptian Journal of Medical Human Genetics (2022)** 23:18 <https://doi.org/10.1186/s43042-022-00238-4>
- Marwa Abdel Kareem Mohamed Aly, Hanan Salah El Deen Mahrous ,**Lubna Mohamed Ibrahim Desouky**, Karim Mahmoud Nabil. Vascular endothelial growth factor gene polymorphisms and age-related macular degeneration in an Egyptian population (2023) Delta Journal of Ophthalmology | Published by Wolters Kluwer – Medknow . DOI: 10.4103/djo.djo_64_22.
- Shaimaa M. Hashish, Nahla Nazmy, **Lubna M. Desouky** , Amal Elsaeid , Hala M. Zeidan . Influence of oxytocin level and oxytocin receptor gene Expression on the status and severity of autism spectrum disorder in a group of Egyptian children . DOI: 10.21608/epj.2025.402434 **Egyptian Pharmaceutical Journal**, Vol. 24No. 1, January-March 2025