Curriculum Vitae

Personal Details:

- NAME***: Lama Mohammed Ali EL-Attar***
- ADDRESS: 21 Ibrahim Elattar Street, Zezenya, Alexandria, Egypt.
- Phone number: 00966598096059/00201557506552
- E-MAIL: lamaa@moh.gov.sa/ lamaelattar@yahoo.com
- DATE OF BIRTH: 21/7/1974.
- NATIONALITY: Egyptian.
- GENDER: Female.
- LANGUAGES:

-Arabic: Native language spoken and written.

-English: Fluent. spoken and written.

- MARITAL STATUS: Married.
- SPECIALITY: Human Genetics.

EDUCATION

Qualifications:

1. Ph.D in GENETICS: Dec 2010, Medical Research Institute, Alexandria University, Egypt.

2. M.Sc. in GENETICS: Sept 2004, Medical Research Institute, Alexandria University, Egypt - Assigned Excellent.

3. Bachelor of Medicine and Surgery (M.B.B.Ch.): Oct 1998, Faculty of Medicine, Alexandria University, Egypt - Assigned Very Good with honor.

REGISTRATION & Membership

- Member of Alexandria society of Genetic Counseling.
- Member of the African Society of Human genetics
- Certified Professional in Healthcare Quality (CPHQ), National Association of Healthcare Quality (NAHQ) in Washington, USA.

CURRENT *POSITION*

Consultant medical Genetics & Medical lab director at King Salman Medical city, Medina Saudi Arabia

Assistant Professor *of Human Genetics,* Human Genetics Department, Medical Research Institute, Alexandria University, Egypt since 2011

Scientific activities:

- The virtual international conference of Genetic Medicine: Applications and highlights. SSMG conference of the Saudi society of Medical Genetics. Jeddah, KSA. 6-8 April 2021
- Annual Saudi Hematology Congress 2021 Virtual meeting. Riyadh KSA, 4-10 March 2021
- Cardiovascular diseases and dyslipidemia in women, live webinar. Riyadh KSA, 23 Dec 2020
- HIMSS & Health 2.0 Middle East Digital conference & exhibition. Riyadh KSA, 29/11-2/12/2020
- Speaker at {Neonatology day update} at Maternity and Children hospital, Medina, KSA ١٨-19/2/2017.
- Speaker at {Novel clinical lab approach to disease diagnosis and outcome}. King Fahd Hospital, Medina, KSA. 26-27/4/2017
- S. Justin Carlus, **Lama M. El-Attar**, Sahar A.F.Hammoudah, Ibrahim S. Almuzainy, Atiyeh Abdallah, Khalid AlHarbi. Interaction of maternal age and MTHFR C677T polymorphism increases the risk of co-occurrence of Down syndrome and congenital heart disease. 13th International Congress of Human Genetics, ICHG2016 3-7 April 2016, Kyoto, Japan. (P-247)
- **Lama M. El-Attar**, Sahar AF Hammoudah. Clinical and Molecular updates of Infantile Systemic Hyalinosis (ISH) in Arab populations. 13th International Congress of Human Genetics, ICHG2016 3-7 April 2016, Kyoto, Japan. (P-301)

- Introduction to Fluorescence in situ hybridization (FISH) workshop. Clinical pathology department, faculty of Medicine, Alexandria University. Egypt. 27-28 April 2011

Research& Publications:

1. **El-Attar LM**, Bahashwan AA, Bakhsh AD, med Moshrif Y M. The prevalence and patterns of chromosome abnormalities in newborns with major congenital anomalies: A retrospective study from Saudi Arabia. Intractable Rare Dis Res *2021; 10(2):81-87.* DOI: 10.5582/irdr.2021.01016
2. Tarek M. Hussein, Dalia Abd Elmoaty Elneily, Fatma Mohamed Abdelfattah Elsayed, **Lama M. El-Attar.** Genetic risk factors for venous thromboembolism among infertile men with Klinefelter syndrome. Journal of Clinical & Translational Endocrinology. 2020 (20): 100228. Doi:10.1016/j.jcte.2020.100228
3. Fatma M. Elsayed, Dalia Ahmed Nafea, **Lama M. El-Attar**, Marwa H. Saied. Epigenetic silencing of the DAPK1 gene in Egyptian patients with chronic myeloid Leukemia. Meta Gene. 2020 (26): 100779. Doi:10.1016/j.mgene.2020.100779.
4. **El-Attar, L.M.,** Issa, N.M. & Mahrous, H.S.E. The demographic data and the high frequency of chromosome/chromatid breaks as biomarkers for genome integrity have a role in predicting the susceptibility to have Down syndrome in a cohort of Egyptian young-aged mothers. Egypt J Med Hum Genet 2019 (**20):**16. Doi:10.1186/s43042-019-0020-7
5. Issa NM, El-Neily DA, El Tawab SS, **El-Attar LM.** The prevalence of specific gene polymorphisms related to thrombophilia in Egyptian women with recurrent pregnancy loss. J Hum Reprod Sci 2021;14:73-80. Doi:10.4103/jhrs.JHRS_24_20
6. Abdu Allah AM, Hammoudah SA, Abd El Gayed EM, **El-Attar LM**, Shehab-Eldin WA. Obesity and its Association with Irisin Level Among Individuals with FNDC5/Irisin Gene Variants RS16835198 and RS726344. Protein Pept Lett. 2018;25(6):560-569. Doi:10.2174/0929866525666180508120653..

7. Azza M. Abdu Allah, Eman Masoud Abd El Gayed, Sahar AF. Hammoudah, **Lama Mohamed El-Attar**, Walid A. Shehab-Eldin. Irisin Gene Polymorphism Rs3480 and Rs1746661and Obesity in Egyptian Populations. IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB) 2017: 48-54. Doi: 10.9790/264X-03034854

8. **El-Attar L.M.A.** Congenital heart disease in Saudi Down syndrome children: Frequency and patterns in Almadinah region. Research Journal of Cardiology 2015; 8 (1): 20-26. DOI: 10.3923/rjc.2015.20.26

9. **A.** M. Abdu-Allah, S. F. Hammoudah , **L.M.A. El-Attar**, A.M. Abdallah. Angiotensin-Converting Enzyme Insertion/Deletion Gene Polymorphism and Risk of Obesity in Saudi Population. Research Journal of Medicine and Medical Sciences 2015;10(1) : 21-27. ISSN:1816-272X

10. Hammoudah SA1, **El-Attar L M.** Infantile systemic hyalinosis: Report of two severe cases from Saudi Arabia and review of the literature. Intractable Rare Dis Res. 2016,5(2):124-8. doi: 10.5582/irdr.2016.01003.

11. Abdulhadi H. Al-Mazroea, Sahar AF. Hammoudah, **Lama M. El-Attar**, S. Justin Carlus, Yousef Almohammadi, Khalid M Al- Harbi., Congenital heart disease in Saudi Arabia: the role of molecular genetics with a focus on Down syndrome. Aust. J. Basic & Appl. Sci., 10(9): 98-109, 2016

12. **Lama M El-Attar** Detection of microdeletions involving DAZ locus in cases of idiopathic male infertility. Journal of MRI 2003 vol. 24 No.3.