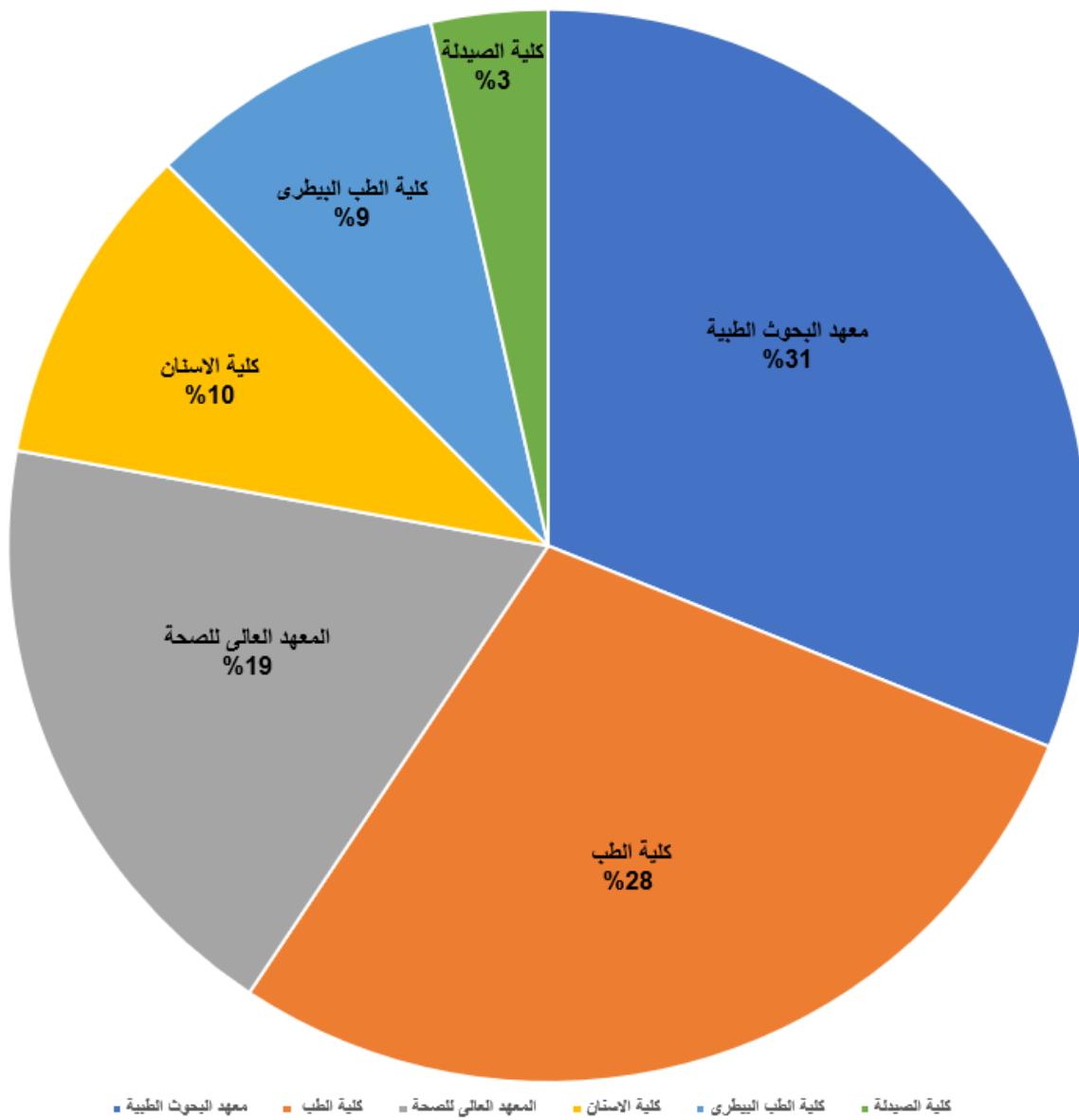




GENETICS PUBLICATIONS

| | |
|-----|---------------------|
| ٢٠٥ | معهد البحوث الطبية |
| ١٨٦ | كلية الطب |
| ١٢٢ | المعهد العالي للصحة |
| ٦٤ | كلية الاسنان |
| ٥٩ | كلية الطب البيطري |
| ٢٣ | كلية الصيدلة |

Registry established in August ٢٠٢١



Faculty of Medicine

Clinical Genomics Center (CGC)

- “Expanded Long Template PCR For Detection Of Full Mutation Alleles In FMR-1 Gene In Fragile X Syndrome”
Marzouk I., Kassem H., El Assi H., El Tayebani A. Expanded long template PCR for detection of full mutation alleles in FMR-1 gene in fragile X syndrome. AJM ٢٠١٧; ٥٩(٤):٧٧٢-٨٤
http://srv1.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١٢٢٥٧٥١.
- “ARMS1 And HTTR1 Gene Polymorphisms In Association With Age-Related Macular Degeneration In Egypt”
https://journals.lww.com/mejmedgen/Abstract/2017/01000/ARMS1_and_HTRA1_gene_polymorphisms_in_association.aspx
Middle East Journal of Medical Genetics
- “Clinical Biochemical & Molecular Characterization of a Group of Egyptian PKU Patients”
<https://www.mxe.eg.net/article.asp?issn=٢٠٩٠-٨٥٧١;year=٢٠١٩;volume=٨;issue=٢;spage=١٤١;epage=١٤٩;aulast=Ammar>
<https://www.ingentaconnect.com/content/wk/mxe/2017/00000007/00000001/art00003>
Middle East Journal of Medical Genetics, January ٢٠١٧ - Volume ٧ - Issue ١ - p ٢٢-٢٨
- “CLINICAL GENETIC CHARACTERIZATION OF AN EGYPTIAN COHORT OF ٤٦ XY DISORDERS OF SEXUAL DEVELOPMENT: SRD5A2 GENE ANALYSIS IN SUSPECTED STEROID 5 ALPHA REDUCTASE TYPE 1 DEFICIENCY”
http://srv1.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١٢٦٣٠٢٩٧
- “Exploring Cancer Predisposition due to Mismatch Repair and Hereditary Diffuse Gastric Cancer-predisposing genes utilizing the ١٠٠,٠٠٠ Genomes Project dataset”
- “Association Study between Catalase Gene Polymorphisms and the Susceptibility to Vitiligo in Egyptian Population.”

- “Epidemiological and Clinical Study of Genetic Skin Disorders in Kinder Garten and Primary School in Alexandria.”
http://193.227.1.161/eulc_vo/Libraries/start.aspx?fn=ApplySearch&Scop eID=&ExactSearch=1&criteria1=%&SearchText1=Barakat%&c+Omneya +Abdallah++
- “Detection of Human Telomerase Reverse Transcriptase Messenger RNA in Urine as a Diagnostic Tool for Urinary Bladder Cancer.”
<https://www.ajol.info/index.php/ejhg/article/view/44161>
Egyptian Journal of Medical Human Genetics
- “Study of the Genotoxic Effect of Cyclophosphamide on Albino Mice Bone Marrow Polychromatic Erythrocytes and the Protective Effect of Captopril.”
<https://vlibrary.emro.who.int/imemr/study-of-the-genotoxic-effect-of-cyclophosphamide-on-albino-mice-bone-marrow-polychromatic-erythrocytes-and-the-protective-effect-of-captopril-%>
AJM-Alexandria Journal of Medicine, ٢٠٠٨؛ ٤٤ (٤): ٨٢١-٨٢٨
- “Conventional Polymerase Chain Reaction for Detection of Sex Determining Region Y in Turner Syndrome.”
http://main.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١١٠٩٢٨٤١
- “Study of Visceral and Neurological Abnormalities in Egyptian Children with Gaucher Disease.”
http://main.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١١٣٨٧٧٥٤
- “Study of Skeletal Abnormalities in Egyptian Children with Gaucher Disease.”
http://db.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١١٤٤٨٠٦٢
- “The Effect of Calpain ١ Gene (CAPN ١) Genetic Polymorphism in Type ٢ Diabetes Mellitus (T٢DM) Susceptibility.”
http://main.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=١١٠٢٠٤٣٩

- “Ten Eleven Translocation 1 Gene (TET1) Mutations in Acute Myeloid Leukemia.”
<https://www.ehj.eg.net/article.asp?issn=1110-1067;year=2010;volume=4;issue=4;spage=109;epage=110;aulast=Hamed>
The Egyptian Journal of Haematology
- “A Study of the Androgen Receptor Gene Polymorphism and the Level of Expression of the Androgen Receptor in Androgenetic Alopecia.”
<https://www.ajol.info/index.php/ejhg/article/view/44108>
Egyptian Journal of Medical Human Genetics
- “Bronchial Asthma among Workers and Its Association with Occupation, From Immunological and Glutathione S -Transferase Genes Polymorphism.”
<https://www.sciencedirect.com/science/article/pii/S20906811100140>
<https://www.tandfonline.com/doi/full/10.1080/j.ajme.2011.04.003>
Alexandria Journal of Medicine
- “Early onset breast cancer in Egyptian women: BRCA gene screening”
http://main.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=1200261
- “Ten eleven translocation gene 1 (TET1) polymorphism and expression of micro RNA 22 in acute myeloid leukemia.”
https://journals.lww.com/hemisphere/Abstract/2019/06001/PB1709_TET1_POLYMORPHISM_AND_MIRNA_22_EXPRESSION.1084.aspx
HemaSphere
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC42427/>
<https://link.springer.com/article/10.1007/s12288-019-01172-z>
Indian Journal of Hematology and Blood Transfusion
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7901303/?report=classic>
<http://mjhid.org/index.php/mjhid/article/view/2020...4>
- Mediterranean journal of hematology and infectious diseases

- Analysis of HCM in an understudied population reveals a new mechanism of pathogenicity
<https://www.medrxiv.org/content/10.1101/2020.03.24.20037308v1>
medRxiv
- CLINICAL AND MOLECULAR FEATURES OF ELEVEN EGYPTIAN FAMILIES WITH AUTOSOMAL RECESSIVE LONG QT SYNDROME
[https://www.jacc.org/doi/full/10.1161/S0730-1097\(18\)28187-2](https://www.jacc.org/doi/full/10.1161/S0730-1097(18)28187-2)
Journal of the American College of Cardiology
- A comparative study of mutation screening of sarcomeric genes (MYBPC γ , MYH γ , TNNT γ) using single gene approach versus targeted gene panel next generation sequencing in a cohort of HCM patients in Egypt
<https://www.ajol.info/index.php/ejhg/article/view/162007>
Egyptian Journal of Medical Human Genetics
- Dystrophin expression in an Egyptian family suffering from muscular dystrophy
https://journals.lww.com/ejpathology/fulltext/2016/07000/Dystrophin_expression_in_an_Egyptian_family.10.aspx
Egyptian Journal of Pathology
- Angiotensin-converting enzyme insertion/deletion polymorphism in an Egyptian cohort of hypertrophic cardiomyopathy
https://www.ingentaconnect.com/content/wk/mxe/2016/00000000/00000000_00000000_0
Middle East journal of medical genetics, Volume 0, Number 0, July 2016,
pp. 60-70(10)
- Different Human Mutations in the Myosin Binding Protein C γ (MYBPC γ) Produce Specific Cardiac Phenotypes in the Zebrafish
<https://www.ahajournals.org/doi/abs/10.1161/circ.113.0040>
Circulation, Originally published 27 Mar 2014 Circulation.
2014;120:A17040
- An Evaluation Of The Clinical Potential Of Ngs In Hcm
<https://www.qscience.com/content/papers/10.5339/qfarc.2014.HBPP.60>
Qatar Foundation Annual Research Conference Proceedings Volume 2014
Issue 1

- Angiotensin-converting enzyme insertion/deletion polymorphism in hypertrophic cardiomyopathy: An Egyptian case control study
<https://www.sciencedirect.com/science/article/pii/S1110268120012233?via%20Dihub>
The Egyptian Heart Journal
- Molecular Modeling of Disease Causing Mutations in Domain C¹ of cMyBP-C
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0294206>
PLoS One
- Early Results of Sarcomeric Gene Screening from the Egyptian National BA-HCM Program
<https://link.springer.com/article/10.1007/s12260-012-9420-0>
Journal of cardiovascular translational research
- Molecular genetics made simple
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4239820/>
Global Cardiology Science and Practice, 2012; 2012(1): 1.
- Genetic testing for hypertrophic cardiomyopathy: ongoing voyage from exploration to clinical exploitation
<https://www.pagepressjournals.org/index.php/cardiofertilogenetics.2011.e3>
cardiogenetics, 2011; volume 1:e3
- The association between glutathione S-transferase P¹ polymorphisms and asthma in Egyptians
<https://www.tandfonline.com/doi/full/10.1080/j.ajme.2011.07.008>
Alexandria Journal of Medicine
- Expression of O⁶-Alkylguanine-DNA Alkytransferase in Normal and Malignant Bladder Tissue of Egyptian Patients
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2908432/>
Journal of Nucleic Acids
- Mycoplasma infection significantly alters microarray gene expression profiles
<https://www.future-science.com/doi/10.2144/02304mt.2>
Biotechniques

- Comparative study of immunohistochemical analysis in tissues and molecular detection in exfoliated tumour cells in urine of human telomerase reverse transcriptase [hTERT]in urinary bladder cancer in Egyptians
<https://vlibrary.emro.who.int/imemr/comparative-study-of-immunohistochemical-analysis-in-tissues-and-molecular-detection-in-exfoliated-tumour-cells-in-urine-of-human-telomerase-reverse-transcriptase-htertin-urinary-bladder-cancer-in-e-/>
AJM-Alexandria Journal of Medicine, ٢٠٠٨; ٤٤ (٤): ٦٩١-٦٩٨
- A potential role of heat shock proteins and nicotinamide N-methyl transferase in predicting response to radiation in bladder cancer
<https://onlinelibrary.wiley.com/doi/full/10.1002/ijc.10631>
International Journal of Cancer
- Immunohistochemical analysis of expression and allelotype of mismatch repair genes (hMLH1 and hMSH2) in bladder cancer
<https://www.nature.com/articles/6691090>
British Journal of Cancer
- Ouda S , Saadah O, El Meligy O, Alaki S. Genetic and dental study of patients with celiac disease. J Clin Pediatr Dent. ٢٠١٠ Winter;٣٠(٢):٢١٧-٢٣.
- (acknowledged due to participating in pedigree construction for the studied patients)
<https://pubmed.ncbi.nlm.nih.gov/21417129/>
- Poster presentation in ١٣th MEMG (Middle East Metabolic Group) October ٢٠١٦ entitled "Role of AFCM CGC In The National Program Of Management Of Inborn Errors Of Metabolism In Egypt: PKU as Model." Aya El Tayebany, Hoda El Assi, Ossama Kamal Zaki, Nahed A ElGhareeb, Hala A Youssef, Sarah Nashaat, Samar Serour, Rehm M AbdelGhany, Eman Refaat, Heba Sh. Kassem

Pediatrics department

- Deghady A, Marzouk I ,El-Shayeb A et al. Coagulation abnormalities in type I Gaucher disease in children. Pediatric Haematology& Oncology ٢٠٠٦; ٢٣: ٤١١-٧
<https://pubmed.ncbi.nlm.nih.gov/16728261/>

- Omar A, Kareim E, El Gendy W, Marzouk I, Wagdy M. Molecular basis of beta Thalassemia in Alexandria. Egypt J Immunol ٢٠٠٥; ١٢: ١٥-٢٤.
https://www.researchgate.net/publication/٣٣٧٣٤٧٠٩٠_MOLECULAR_BASIS_OF_BETA_THALASSEMIA_MUTATIONS_IN_EGYPTIAN_PATIENTS
- Hafez M, Al Tonbary Y, El Baioumy M, Hatem N, Marzouk I, Yehia A, Farahat N. Markers of apoptosis and proliferation related gene products as predictors of lymphoblastic leukemia. Hematology; ٢٠٠٧: ١٢: ٢٠٩-٢٨
<https://pubmed.ncbi.nlm.nih.gov/١٧٥٥٨٦٩٦/>
- Marzouk I, Azouz H, El Bakly R, Zeid A. Pancreatic β cell function and anti-insulin antibodies in children with Down syndrome. Alex J Ped ٢٠٠٤; ١٨: ٦٢٣-٦٢٩ <https://pesquisa.bvsalud.org/portal/resource/pt/emr-٢٠١٢١٤>
- Marzouk I, Shehata H, Omar E, El Sahn A. Blastocystis Hominis among infants and preschool children in Urban and Rural areas in Alexandria. Alex J Ped ٢٠٠١; ١٥: ٤٠٩-١٢
http://main.eulc.edu.eg/eulc_vo/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=٩٦١٩٤٦٦
- Marzouk I, Hafez F, Mostafa T, Ismail H. Serum and CSF levels of IL-1 β and TNF α in children with acute bacterial meningitis. Alex J Ped ٢٠٠٣; ١٤: ١٨١-٠

- Marzouk I, Helmy A, Amer A, Ayad A. Study of antibody titers in malnourished infants after three doses of Hepatitis B vaccination Egypt. J Med Microbiol ٢٠٠٣; ٩: ٦٦٣-٧
- El Domiaty B, Marzouk I, Karkour T, El Bordiny M, Ahmed S. Insulin like growth factor ١ and insulin like growth factor binding protein ٣ in infants of gestational diabetic mothers and infants of pre eclamptic mothers. Egypt J Neonatal ٢٠٠٣; ١: ٨٢-٩.
- Marzouk I, Marzouk S, Ismail O, Ragab M, El Sahn M. Ocular changes in insulin dependent diabetic patients: risk factors. Alex J Ped ١٩٩٩; ١٣: ٤٤٩-٥٤
https://applications.emro.who.int/imemrf/Alexandria_j_Pediatrics/١٩٩٩_١٣_٢_٤٤٩.pdf
- Morsy M, Marzouk I, Marzouk S, Maken M. Serum insulin antibodies and C-peptide levels in insulin dependent diabetic children. Alex J Ped ١٩٩٩; ١٣: ٨٣-٧
- Ghanem M, Marzouk I, Desouky M. Nitric oxide and endotoxemia in children with acute hepatitis. Alex J Ped ١٩٩٩; ١٣: ٩٥-٨
<https://vlibrary.emro.who.int/imemr/nitric-oxide-and-endotoxemia-in-children-with-acute-hepatitis/>
- Marzouk I, Desouky. Pancreatic β cell function in malnourished infants: A causal relationship. Alex J Ped ١٩٩٨; ١٢: ٢٥٥-٩

Genetics publications – Alexandria University

- Badr Eldin A, Marzouk I, Ghazal H, Marzouk S, Aref K. The influence of maternal diabetic control and insulin antibodies on fetal pancreatic β cell function and neonatal complications in infants of insulin treated diabetic mothers. *Alex J Ped* 1998; 12: 69-76
- Sharaf S, Marzouk I. Blood lead level in malnourished infants and children. *Alex J Ped* 1994; 1: 50-51
- Morsy M, Osman M, Masoud B, Madina E, Marzouk I. Functional and radiological evaluation of renal parenchyma in children suffering from vesicouretral reflux *Alex J Ped* 1993; 7: 440-6.
- Marzouk I, El Sahn M, Desouky M, Abdel Hafez Y. Ocular Manifestations of Malnutrition and Its Relation to Some Metabolic Changes. *Alex J Ped* 1990; 4: 409-16.
- Tantawy A, El Beshlawy A, Marzouk I ,Bavdekar A,Oin Y,Mellgard B , Ben Turkia H. Velaglucerase Alfa Enzyme Replacement Therapy In Children And Adolescents With Type 3 Gaucher Disease . Results Of a 12 Month Multicenter Open Label Phase Study. *Molecular Genetics and Metabolism* 2016; 117: 14-124.
<https://www.scielo.br/j/jiems/a/VRPFKzhFptzdMMngRpNJKgh/?lang=en>
- Ben Dridi M , El Beshlawy A, , Marzouk I , Bavdekar A, Chang P, Mellgard B , Tantawy A . Clinical Characteristics of Type III Gaucher Disease .in Children And Adolescents Enrolled in a trial of Velaglucerase

Alfa. Molecular Genetics and Metabolism ٢٠١٥; ١١٤: ١١-١٣.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC٥٧٥٨٨٤١/>

- Marzouk I, Deghady A, Omar OM, Ashour RS. Hyperimmunoglobulinemia and IgG Subclass Abnormalities in Children with Gaucher Disease. *J Pediatr Hematol Oncol.* ٢٠١٩ Oct; ٤١(٧):e٤١٦-e٤٢٠.
<https://pubmed.ncbi.nlm.nih.gov/٣١٣٨٥٨٥٩/>
- Abouzeid H, Favez T, Schmid A, Agosti C, Youssef M, Marzouk I, El Shakankiry N, Bayoumi N, Munier FL, Schorderet DF. Mutations in ALDH1A3 represent a frequent cause of microphthalmia/anophthalmia in consanguineous families. *Hum Mutat.* ٢٠١٤ Aug; ٣٥(٨):٩٤٩-٥٣.
<https://pubmed.ncbi.nlm.nih.gov/٢٤٧٧٧٧٧٧/>
- Marzouk IM, Elshakankiry NM, Ibrahim AG, Anwar SA, Awadallah SM. Registry of ocular anomalies among patients with genetic disorders in Alexandria and nearby governorates. *Alex J Pediatr* ٢٠١٩; ٣٢: ٥٥-٦٠.
https://www.ajp.eg.net/article.asp?issn=١٦٨٧-٩٩٤٥&year=٢٠١٩&volume=٣٢&issue=١&spage=٥٥&epage=٦٠&aulast=Marzouk#google_vignette
- Abouzeid H, Boisset G, Favez T, et al. Mutations in the SPARC-related modular calcium-binding protein 1 gene, SMOC1, cause Waardenburg anophthalmia syndrome. *Am J Hum Genet.* ٢٠١١; ٨٨(١): ٩٢-٩٨.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC٣٠١٤٣٦٠/>

- Jakobsson C , Youssef M , Marzouk I, ElShakankiri N , Bayoumi N , Munier F , Schorderet D ,Abouzeid H. Compound Heterozygous VSX γ Mutation Causing Bilateral Anophthalmia in a Consanguineous Egyptian Family. Journal of Clinical & Experimental Ophthalmology. ٢٠١٥;٦:١-٦
[https://www.longdom.org/open-access/compound-heterozygous-vsx \$\gamma\$ -mutation-causing-bilateral-anophthalmia-in-a-consanguineous-egyptian-family-2100-9070-1000-441.pdf](https://www.longdom.org/open-access/compound-heterozygous-vsx-gamma-mutation-causing-bilateral-anophthalmia-in-a-consanguineous-egyptian-family-2100-9070-1000-441.pdf)
- Khalil A, Marzouk I , Deghady A, Mohamed Y. Prevalence of celiac disease among children with Down syndrome attending the genetics clinic at Alexandria University Children Hospital Alex J Ped ٢٠٢٠; ٣٣:١-٦
[https://www.ajp.eg.net/article.asp?issn=16879945;year=2020;volume=33;issue=1;spage=1;epage=6;aulast=Khalil](https://www.ajp.eg.net/article.asp?issn=١٦٨٧٩٩٤٥;year=٢٠٢٠;volume=٣٣;issue=١;spage=١;epage=٦;aulast=Khalil)
- Abouzeid H, Youssef MA, Bayoumi N, et al. RAX and anophthalmia in humans: evidence of brain anomalies. *Mol Vis.* ٢٠١٢;١٨:١٤٤٩-١٤٥٦.
[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3380941/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC٣٣٨٠٩٤١/)

Anatomy department

- **S. M. Tayel**, H. Ismael, H. Kandil, A. Abd Rabuh, H. Sallam (٢٠١١). Congenital adrenal hyperplasia (CAH) in Alexandria, Egypt: A high prevalence justifying the need for a community-based newborn screening program. *J Tropical Pediatrics* ٥٧ (٣): ٢٣٢-٢٣٤.
- F. Mohammed, F. Al-Yatama, M. Al-Bader, **S.M. Tayel**, S. Gouda, K. K. Naguib (٢٠٠٧). Primary male infertility in Kuwait: a cytogenetic and molecular study of ٢٨٩ infertile Kuwaiti patients. *Andrologia* ٣٩, ٨٧-٩٢.
- F. Mohammed, **SM Tayel** (٢٠٠٥). Sex identification of normal persons and sex reverse cases from bloodstains using FISH and PCR. *J Clin Forensic Med* ١٢:١٢٢-١٢٧.

- **Tayel SM**, Fawzia MM, Niran A Al-Naqeeb, Said Gouda, Al-Awadi SM, Naguib KK (٢٠٠٥). A morpho-etiological description of congenital limb anomalies. Ann Saudi Med ٢٥(٣): ٢١٩-٢٢٧.
- Nadia L Hatem, **Shawky Tayel**, Hala Emara (٢٠٠٣). Seckel syndrome: report of two cases. Egypt J Med Human Genet ٤ (٢): ١٣-١٩.
- Amina FT, Eweidah MH, **Tayel SM**, EI-Sebaee (٢٠٠٣). Developmental toxicity of acephate by gavage in mice. Reprod toxicol (United States); ١٤(٣): ٢٤١-٢٤٥.
- SA Al-Awadi, RL Al-Naggar, **SM Tayel**, R Uma (١٩٩٩). Double aneuploidy: ٤٨,XXY, +١٨ in a Bedouin boy. J Med Princ Pract ٨(٣): ٢٤١-٢٤٤.
- RL Al-Naggar, SA Mady, **SM Tayel**, TI Farag, SA Al-Awadi, MM Alghanim, SJ Abulhasan, MA Sabry, L Bastaki (١٩٩٩). Profile of chromosomal abnormalities in Al Jahra region of Kuwait. J Med Princ Pract; ٨(٣): ١٦٧-١٧٢.
- KK Naguib, SA Al-Awadi, L Bastaki, M Moussa, SJ Abulhasan, **S Tayel**, DS Krishna Murthy (١٩٩٩). Clustering of trisomy ١٨ in Kuwait: Genetic predisposition or environmental? Ann Saudi Med; ١٩(٣): ١٩٧-٢٠٠.
- KK Naguib, SA Al-Awadi, MAA Moussa, L Bastaki, S Gouda, MA Redha, F Mustafa, **SM Tayel**, SJ Abulhasan, DS Krishna Murth (١٩٩٩). Trisomy ١٨ in Kuwait. Int J Epidemiol (England); ٢٨ (٤): ٧١١-٧١٧.
- SJ Abulhasan, **SM Tayel**, SA Al-Awadi (١٩٩٩). Mosaic Turner syndrome: Cytogenetics versus FISH. Ann Hum Genet; ٦٣: ١٩٩-٢٠٦.
- **SM Tayel**, RL El-Naggar, DS Krishna Murthy, KK Naguib, SA Al-Awadi, NA Abou- Karsh (١٩٩٩). Familial pericentric inversion of chromosome ١(p٣٦,٣ q٢٣) and Bardet-Biedl syndrome. J Med Genet ٣٦: ٤١٨-٤١٩.
- **Shawky M Tayel**, Rizk L Al-Naggar, Laila Bastaki, Fawzi E Ali, Amal Al-Wadaani, Sadika Al-Awadi (١٩٩٩). Two-step fragile X-screening programme in mentally retarded males. Kuwait Med J; ٣١(٣): ٢٥٧-٢٦٢.

- **SM Tayel, MA Sabry, N Abdel Kader, S Farah, SA Al-Awadi, TI Farag (١٩٩٨).** Triophthalmia and facial clefting: a case report. *J Med Genet; ٣٥:٨٧٥-٨٧٧.*
- **Tayel S, Kurczynski TW, McCorquodale MM (١٩٨٩).** A case of de novo trisomy ١٢p syndrome. *Clin Genet ٣٥: ٣٨٢-٣٨٦.*
- **Tayel S, Kurczynski TW, Casperson S, McCorquodale MM (١٩٨٨).** Deletion ٩p, duplication ١٨q in two sisters, resulting from maternal (٩: ١٨) (P٢٢;q٢١,٣) translocation. *Am J Med Genet ١٣: ٨٥٣-٨٦١.*
- **McCorquodale MM, Tayel S (١٩٨٨).** Prenatal detection of a de novo ١; ١٠ translocation with the same breakpoints as that identified in a previous unrelated case report. *Prenatal Diagnosis ٨(٦): ٤٧٥-٤٧٦.*
- Melad Naim Bushra, **Shawky Mahmoud Tayel, Shirley Hilal EL-Maasarany, Amany Mahmoud El-Agwany (٢٠١٢).** In vitro assessment of cytotoxicity and genotoxicity of methyl mercury chloride. *Egypt J Med Sci ٣٣ (١): ٢١-٣٧.*
- Miriam ramzy Riad, Eman Elazab Behiry, Rasha Mohamed El-Shinety, Aymean Salah El-Seedy, Amina Tolba Farag, **Shawky Mahmoud Tayel (٢٠١٣).** Assessment of developmental toxicity on the neural tube, cyto-and genotoxicity of chlorpyrifos in pregnant mice. *Egypt J Med Sci ٣٤ (١): ١٨١-٢٠٨.*
- Farag AT, **Tayel SM, Eweida MH (١٩٩٨).** Assesment of the developmental toxicity of vitamin A and acephate in mice. *Zagazig Univ Med J (Egypt); IV(٥): ٢٦٣-٢٨٠.*
- **Shawky Tayel, S Shafshak (١٩٩٤).** Idiopathic carpal tunnel syndrome. Anatomical, Genetic and Clinical study.. *J Egypt Assoc Rheumatol; ١٦-١: ١١٥- ٢٦.*
- Ragaa T Darwish , **Shawky M Tayel (١٩٩٣).** Sex determination (as a medicolegal marker) from hair examination. *Tanta Med J; ١١(٢): ٣٦- ٤٢.*

- **Tayel S**, Abou Karsh N and Sunni A Senussi (٢٠١٢). Chromosome Y polymorphism in lung cancer patients. Egyptian J Hist Cytol; ١٢(١): ٥٥-٦٠.
- **Tayel S**, Abou Karsh N (٢٠١١). Length polymorphism of the Y-chromosome in Egyptians. Egyptian J Med Sciences; ١٢(١): ١٥٣-١٥٦.
- “THE POTENTIAL THERAPEUTIC EFFECT OF ADIPOSE TISSUE-DERIVED MESENCHYMAL STEM CELL TRANSPLANTATION ON CUPRIZONE MODEL OF MULTIPLE SCLEROSIS IN BLACK MICE” Egyptian Egyptian journal of histology. Volume ٤٣, March ٢٠٢٠.
- “Assessment of Formalin Teratogenicity on Embryos of Pregnant Albino Rats” Egyptian journal of histology. Volume ٤٣, March ٢٠٢٠.

Physiology department

- Extracellular vesicles miRNA-٢١: a potential therapeutic tool in premature ovarian dysfunction
- LINGO-١ siRNA nanoparticles promote central remyelination in ethidium bromide-induced demyelination in rats

Parasitology department

- Biological and proteomic studies of Schistosoma mansoni with decreased sensitivity to praziquantel
- Cannabinoid receptor-١ antagonism: a new perspective on treating a murine schistosomal liver fibrosis model
- Intestinal schistosomiasis: Can a urine sample decide the infection?
- Genetic Variation between Biomphalaria alexandrina Snails Susceptible and Resistant to Schistosoma mansoni Infection
- Inheritance of Schistosoma mansoni infection incompatibility in Biomphalaria alexandrina snails

- Can miRNA^{١١٢}_٣p be a promising biomarker for early diagnosis of toxoplasmosis?

Physical Medicine, Rheumatology and Rehabilitation department

- TCR-CD^٣ gene expression profile in patients with rheumatoid arthritis and correlation with disease activity
- The relation between IL-^{١٠} gene (-١٠٨٢G/A) and VEGF gene ٩٣٦ C/T polymorphism and diabetic polyneuropathy in a cohort of Egyptian patients with type ١ diabetes

Tropical medicine department

- Hepatitis C Virus Core Gene Polymorphism in Cases of Hepatocellular Carcinoma
<https://access.portico.org/Portico/auView?auId=ark:%2F%2F79127%2Fphw1VwttbAp>
- The Role of Circulating MicroRNAs as Markers of Disease Progression in Hepatitis C Virus Infected Egyptian Patients
<https://www.scirp.org/journal/paperinformation.aspx?paperid=60643>
- Study of the influence of heme oxygenase ١ gene single nucleotide polymorphism (rs^{٢٠٧١٧٤٦}) on esophageal varices among patients with cirrhosis
https://journals.lww.com/eurojgh/Abstract/2018/08.../Study_of_the_influence_of_heme_oxygenase_1_gene.13.aspx
- Molecular Patterns of MEFV Gene Mutations in Egyptian Patients with Familial Mediterranean Fever: A Retrospective Cohort Study
<https://www.hindawi.com/journals/iji/2019/257876/>
- The Role of Interleukin-٢ Genetic Polymorphism in A Cohort of Egyptian Patients With Ulcerative Colitis
<http://www.ghrnet.org/index.php/joghr/article/view/2842/3146>
- Circulating microRNA-٢٢١ as a diagnostic biomarker for hepatitis C virus-related hepatocellular carcinoma
https://mid.journals.ekb.eg/article_128640.html

Clinical pathology department

- Preliminary results of targeted sequencing of BRCA¹ and BRCA² in a cohort of breast cancer families: New insight into pathogenic variants in patients and at-risk relatives, Marwa H. Saied, Dalal elkaffash¹, Reham Fadl, Reham Abdel Haleem, Amal Refeat¹, Inas Ibrahim¹, Mona Tahoun¹, Alyaa Elkayal¹ and Eman Tayae. Accepted for publication. Medical Molecular Reports. May ٢٠٢١.
- Epigenetic silencing of the DAPK¹ gene in Egyptian patients with chronic myeloid leukemia.
Meta Gene ٢٠٢٠; <https://doi.org/10.1016/j.mgene.2020.100779>
- Pseudouridylation defect due to DKC¹ and NOP¹ mutations causes nephrotic syndrome with cataracts, hearing impairment, and enterocolitis. Proceedings of the National Academy of Sciences Jun ٢٠٢٠, ٢٠٢٠: ٢٣٢٨; DOI: 10.1073/pnas.2002328117.
- Mutations in *LAMB2* associate with albuminuria and Optic Nerve Hypoplasia with Hypopituitarism. Mona Tahoun, Jennifer C Chandler, Emma Ashton, Scott Haston, Athia Hannan, Ji Soo Kim, Felipe D'Arco, D Bockenhauer, G Anderson, Meei-Hua Lin, Salah Marzouk, Marwa H Saied, Jeffrey H Miner, Mehul Dattani, Aoife M Waters, *The Journal of Clinical Endocrinology & Metabolism*. March ٢٠٢٠.
- Repression of sphingosine kinase (SK)-interacting protein (SKIP) in acute myeloid leukemia diminishes SK activity and its re-expression restores SK function. Ghazaly EA, Miraki-Moud F, Smith P, Marwa H.Saied, et al. *The Journal of Biological Chemistry*. ٢٠٢٠ Apr.
- Molecular Patterns of MEFV Gene Mutations in Egyptian Patients with Familial Mediterranean Fever: A Retrospective Cohort Study. Amal Mansour, Ayman El-Shayeb, Nihal El Habachi, Riham Ebaid, Noha elshahawy, Amr Seif, Doaa Ahmed Elwazzan, Nermeen Abdeen, Mohamad Khodair, Marwa Saied and Nadia Zaki..International journal of inflammation. December ٢٠١٨
- The Expression of Activating Receptor Gene of Natural Killer Cells

- (*KLRC3*) in Patients with Type 1 Diabetes Mellitus (T1DM). Shalaby D, Saied M, Khater D, Abou Zeid A. *Oman Med J*. 2017;32(4):316-321.
- Analysis of heterozygous *BRCA1* c.382ins Founder mutation in a cohort of Egyptian Breast Cancer Female Patients using Pyrosequencing technique Salwa Hamadi, Marwa H.Saied, Yasser Hamed. Asian Pacific Journal of Cancer Prevention. November 2019.
 - Genetic Variations of Selected Genes Using Target Deep Sequencing in Colorectal Cancer Patients. Farghal EE, Saied MH, Ghaith FM, Moussa GI, El-Sharnobi G, et al. (2017) *J Cancer Sci Ther* 9: 683-689. DOI: 10.4172/1948-0906.1000492
 - Clinical Utility of promoter methylation of the tumor suppressor genes *DKK3*, and *RASSF1A* in breast cancer patients. Marwa H. Saied, Aya Samy Rady, Galal Mustafa Abo El Naga, Ola A. Sharaki . *The Egyptian Journal of Medical Human Genetics*
<http://dx.doi.org/10.1017/j.ejmhg.2017.87>
 - Marwa Saied. Pyrosequencing detection of *BRCA1* 180AGdel in Egyptian female breast cancer patients. *2nd World Congress Breast Cancer September 19-21, at Phoenix, USA*. Accepted for oral presentation. September 2017.
 - Marwa Saied. Molecular basis of HCV-resistant patients. *Annual hepatology meeting. Faculty of Medicine, Alexandria University*. Oral presentation March 2017 Marwa Saied DNA methylation in trisomy 8 acute myeloid leukemia patients. *Pan Arab hematology conference*. Oral presentation February 2017
 - Marwa H, Saied DNA methylation in Acute myeloid leukemia patients. *The international conference for academic disciplines. Al Ain University for Science and Technology 2016*. United Arab of Emirates.
 - Saied MH, Marzec J, Khalid S, Smith P, Molloy G, Young BD. Trisomy 8 Acute Myeloid Leukemia Analysis Reveals New Insights of DNA Methylome with Identification of HHEX as Potential Diagnostic Marker. *Biomark Cancer*. 2010;7:1-7.
 - Genome wide study of DNA methylation in acute myeloid leukemia. Oral Presentation. The 10th Annual Conference organized by The

- Egyptian Society of Laboratory Medicine (ESLM) “*ESLM 2014. April 2014, Cairo, Egypt*
- Mansour, MD, PhD, M. Khodair, MD, PhD, S. El Kamary, M.B., M.P.H, M. Saied, MD, PhD, El Shikh, MD, D. Al Wazzan, MD, H. Mostafa, MD, N. Zaki, MD^{IL28B} polymorphisms and HCV genotypes, mixed +b, and b as predictors of response to peg-interferon/ribavirin therapy. Accepted abstract for a poster presentation in *The 3rd World Congress on Controversies in the Management of Viral Hepatitis (C-Hep). May 2014 Berlin, Germany*
 - Saied, Marwa ; Abdel-Hadi, Mona; Sharaki, Ola; El-Guiziry, Dalal. HER1/neu estimation in breast cancer: a comparative study between quantitative real-time PCR and immunohistochemistry. *Egyptian Journal of Pathology: December 2014 - Volume 34 - Issue 2 - p 136–140*
 - Saied MH, Marzec J, Khalid S, et al. Genome wide analysis of acute myeloid leukemia reveal leukemia specific methylome and subtype specific hypomethylation of repeats. *PLoS One.* 2012;7(3):e33213. doi:10.1371/journal.pone.0033213.
 - Global DNA methylation analysis of acute myeloid leukaemia reveals leukaemia-specific and subtype-specific patterns associated with gene promoters, non-promoter and repeat elements.
 - The status of epidermal growth factor receptor in borderline ovarian tumours. Rania Showeil, Claudia Romano, Mikel Valganon, Maryou Lambros, Pritesh Trivedi, Susan Van Noorden, Ruethairat Sriraksa, Dalal El-Kaffash, Nour El-Etreby, Rachael Natrajan, Letizia Foroni, Richard Osborne, Mona El-Bahrawy. *Oncotarget.* 2016, 7(9) :10568-10577.
 - Foot Involvement in Rheumatoid Arthritis Patients. A.-M.H. Helal,D.M.N.E. El Kaffash , E.M. Shahen , M.M. Hassan , Y.H. Abdel-Fattah. *Annals of the Rheumatic Diseases .* 2014 Volume 73, Issue Suppl 1
 - Janus kinase 1 V617F mutation and thrombotic events in Behcet's disease: the Alexandria experience Fahd Adeeb, Manal Tayel,Dalal M El Kaffash, Khairunnisa Mohd Idris,, Muhammad Fikri Abu Hassan,Alexander Duncan Frase. 10.1007/eurjrheum.2010.0067
 - Nonenriched PCR Versus Mutant-Enriched PCR in Detecting Selected Epidermal Growth Factor Receptor Gene Mutations

Among Nonsmall-Cell Lung Cancer Patient. Zaki Moyassar Ahmad, Ramadan Ragaa Abd El Kader, Mahmoud Mahmoud Ibrahim, El-Kaffash Dalal Mohammed, and Assaad Rami Samir. Genetic Testing and Molecular Biomarkers. August ٢٠١٥, ١٩(٨): ٤٤٤-٤٤٩. doi:١٠.١٠٨٩/gtmb.٢٠١٥.٠٠٦٩.

- P٢-٥. Study of a single-nucleotide polymorphism; rs ١٧٩٩٨٨٤ of glucokinase gene with gestational diabetes mellitus in a sample of Egyptian patients. Poster Abstracts of the ISPD ١٩th International Conference on Prenatal Diagnosis and Therapy, Washington, DC, USA, ١٢-١٥ July ٢٠١٥. Dalal Elkaffash, Alexandria University, Alexandria, Egypt
- First and second trimester maternal serum screening: Egyptian experience. Dalal El-Kaffash; Reham Moftah; Hassan N. Sallam_. Prenatal Diagnosis. ٣٤():٤٣, JUL ٢٠١٤
- Predictive value of soluble human leukocytic antigen-G levels in embryo culture medium for embryo selection in patients undergoing intracytoplasmic sperm injection DM El-Kaffash, SH Sallam, DN Younan, AA Ismail... - HUMAN ReREPRODUCTION, ٢٠١٥
- Albumin to creatinine ratio in a random urine sample: Correlation with severity of preeclampsia. Fady S. Moiety, El Sayed El Badawy Mohamed, Rana El Attar Dalal El Kaffash. Alexandria Journal of Medicine. Volume ٥٠, Issue ٢, June ٢٠١٤, Pages ١٣٩–١٤٢
- Cytomorphological evaluation of semen analysis in infertile patients with and without varicocele. El-Garem, Yehia F.^a; Hamdan, Hossam H.^a; El-Kaffash, Dalal M.N.^b; El-Shafei, Adel A.Human Andrology: September ٢٠١٤ - Volume ٤ - Issue ٣ - p ٥٤-٦٠
- Comparison of the Performance of QF-PCR with QPCR as A Rapid Molecular-Based Method for Sex Chromosome Aneuploidies Detection. Reham Moftah, Raymonda Varon, Christiane Bommer, Véronique Dutranno, Mohsen Karbasiyan, Salah Marzouk, Dalal El-Kaffash, Heidemarie Neitzel. JMSCR Volume ٢ Issue ١١ November ٢٠١٤ Page ٢٨٧٤-٢٩٠٢

- Role of CYP2C9 and VKORC1 polymorphism in dose dependent warfarin therapy management. Dalal Nasser Eldin ElKaffash, Aymen Abdel Hay, Nermine Hossam Zakaria & Mounir Elhag. *Journal of Pharmaceutical and Biomedical Sciences (J Pharm Biomed Sci.)* 2013 August; 33(33): 1468-1480.
- Associating functional groups to multiple clinical types using combined t-test scores and contingency-based measures: a study on breast cancer genes. Yousri NA, Elkaffash DM. *Int J Comput Biol Drug Des.* 2012;5(3-4):261-83.
- Gremlin in the pathogenesis of hepatocellular carcinoma complicating chronic hepatitis C: an immunohistochemical and PCR study of human liver biopsies. Guimei M, Baddour N, Elkaffash D, Abdou L, Taher Y. *BMC Res Notes.* 2012 Jul 29;5:390.
- Differentially expressed microRNAs in maternal plasma for the noninvasive prenatal diagnosis of Down syndrome (trisomy 21) J Kamhieh-Milz, RFH Moftah, G Bal, M Futschik, V Sterzer, BioMed research international 2014
- QF-PCR as a molecular-based method for autosomal aneuploidies detection R Moftah, S Marzouk, D El-Kaffash, R Varon, C Bommer, M Karbasiyan, ... *Advances in Reproductive Sciences* 2013
- Identification of novel autoantigens via mass spectroscopy-based antibody-mediated identification of autoantigens (MS-AMIDA) using immune thrombocytopenic purpura (ITP) as a ... J Kamhieh-Milz, V Sterzer, H Celik, O Khorramshahi, RFH Moftah, ... *Journal of proteomics* 107, 59-70.
- Correlation of elevated levels of lipoprotein (a), high-density lipoprotein and low-density lipoprotein with severity of preeclampsia: a prospective longitudinal study E Konrad, O Güralp, W Shaalan, AA Elzarkaa, R Moftah, D Alemany, ... *Journal of Obstetrics and Gynaecology* 14 (1), 53-58

- A study on the genotype frequency of - ١٥٨ G γ (C → T) Xmn
' ...P Moez, R Moftah, HA Mahmoud
Journal of Genetics ٩٧ (٢), ٥٠٥-٥١١
- v, Mona M. Tahoun. Activation of podocyte Notch mediates early Wt¹ glomerulopathy. Kidney International ٢٠١٨; ٩٣(٤): ٩٠٣-٩٢٠.
- The role of supplementary vitamin D in treatment course of pulmonary tuberculosis. Egyptian Journal of Chest Diseases and Tuberculosis ٢٠١٧; ٦٥ (٣): ٦٢٩-٦٣٥
- Evaluation of anti-thyroglobulin antibodies and thyroid stimulating hormone level in cases of recurrent early pregnancy loss. International Journal of Reproduction, Contraception, Obstetrics and Gynecology ٢٠١٦; ٥(١٠): ٣٣١٢-٣٣١٦.
- Study of the role of tumor necrosis factor- α) -٣٠٨ G /A) and interleukin-١٠ (-١٠٨٢ G/A) polymorphisms as potential risk factors to acute kidney injury in patients with severe sepsis using high-resolution melting curve analysis ٢٠١٧; Renal failure ٣٩ (١): ٧٧-٨٢
- Mitochondrial DNA copy number variation as a potential predictor of renal cell carcinoma. The International journal of biological markers ٢٠١٧; ٣٢ (٣): ٣١٣-٣١٨
- Peroxisome proliferator-activated receptor-γ-coactivator ١α (PGC-1α) gene expression in chronic kidney disease patients^[١١] on hemodialysis: relation to hemodialysis-related cardiovascular morbidity and mortality. International urology and nephrology ٢٠١٧; ٤٩ (١٠): ١٨٣٥-١٨٤٤
- MicroRNA-٢٠٠b expression in the vitreous humor of patients with proliferative diabetic retinopathy AR Gomaa, ET Elsayed, RF Moftah Ophthalmic research ٥٨ (٣), ١٦٨-١٧٥
- The c.-١٩٠ C>A transversion in promoter region of protamine ١ gene as a genetic risk factor in Egyptian men with idiopathic infertility. Andrologia ٢٠١٩; e١٣٣٦٧.

- Melatonin receptor 1A gene polymorphism rs13140012 and serum melatonin in atherosclerotic versus non-atherosclerotic Egyptian ESRD patients: pilot study. *Heliyon* 2020; e04394.
- Serum expression of microRNA-16 in a cohort of Egyptian patients with ulcerative colitis and its correlation with disease extent and severity. *Journal of Coloproctology* 2020; 40: 253-260.
- El-Kaffash DMNE, Hassabb HMAF, Abouzeid AA, Swelem RS, Tahoun MM. TPMT gene polymorphism detection by conventional PCR in pediatric acute lymphoblastic leukemia and its toxic effect. *The Egyptian Society of Haematology*. 2014; 39: 86-9.
- The effect of continuous high versus low dose oral isotretinoin regimens on dermcidin expression in patients with moderate to severe acne vulgaris
SS Omar, A Collier, RAHA El-Wafa...
Dermatologic ..., 2018 - Wiley Online Library
- Relation of nitric oxide synthase gene (NOS3) polymorphisms to varicocele risk and post-varicocelectomy seminal oxidative stress reduction, W Mahfouz, W Dawood, RAH Abo El-Wafa... - *Andrologia*, 2020 - Wiley Online Library
- Study of the influence of heme oxygenase 1 gene single nucleotide polymorphism (rs2071747) on esophageal varices among patients with cirrhosis, R Abdel Haleem Abo Elwafa... - *European journal of ...*, 2018 - ingentaconnect.com
- Study of microRNA profile as a molecular biomarker in Egyptian chronic lymphocytic leukemia, AH Alghandour, RS Swelem, RAHA El-Wafa - *Indian Journal of ...*, 2019 – Springer
- PIK3CA Polymorphism (rs17849079 C/T) and Expression in Breast cancer Patients, SM Hanafy, RAHA Elwafa, AA Abdelkader, NH Alowiri - *Gene Reports*, 2019 - Elsevier

Medical Research Center

- Bone Marrow-Derived Mesenchymal Stem Cell Potential Regression of Dysplasia Associating Experimental Liver Fibrosis in Albino Rats. BioMed Research International Volume ٢٠١٩, Article ID ٥٣٧٦١٦٥, ١٥ pages <https://doi.org/10.1100/2019/5376165>.
- Comparative Study of the Therapeutic Potential of Mesenchymal Stem Cells Derived from Adipose Tissue and Bone Marrow on Acute Myocardial Infarction Model. *Oman Med J.* ٢٠١٩;٣٤(٦):٥٣٤–٥٤٣. doi: ١٠.٥٠٠١/omj.٢٠١٩.٩٧
- Evaluation of autologous adipose-derived stem cells vs. fractional carbon dioxide laser in the treatment of post acne scars: a split-face study. *Int J Dermatol.* ٢٠١٩. doi: ١٠.١١١١/ijd.١٤٥٦٧.
- The Therapeutic Potential of Extracellular Vesicles Versus Mesenchymal Stem Cells in Liver Damage. *Tissue Eng Regen Med Online ISSN ٢٢١٢-٥٤٦٩* <https://doi.org/10.1007/s13277-020-0267-3>.
- Evaluation of autologous adipose-derived stem cells vs. fractional carbon dioxide laser in the treatment of post acne scars: a split-face study. Clinical Trial. *International Journal of Dermatology*, July ٢٠١٩ , ٥٨(١٠). doi: ١٠.١١١١/ijd.١٤٥٦٧
- The potential Therapeutic Effect of Adipose Tissue-derived Mesenchymal Stem Cell Transplantation on Cuprizone. Model of Multiple Sclerosis in the Mice . DOI: ١٠.٢١٦٠.٨/ejh.٢٠١٩.١٣٧٣١.١١٢٩
- Neurodegenerative Diseases and Cell Reprogramming. *Molecular Neurobiology*, July ٢٠٢٠. <https://doi.org/10.1007/s12035-020-02039-0>.
- Histological and Physiological Studies of the Effect of Bone Marrow-Derived Mesenchymal Stem Cells on Bleomycin Induced Lung Fibrosis in Adult Albino Rats. *Tissue Eng Regen Med Online ISSN ٢٢١٢-٥٤٦٩*, ٢٢ October ٢٠٢٠

<https://doi.org/10.1007/s13770-020-0294-0>.

- Bone marrow-derived mesenchymal stem cells and extracellular vesicles enriched collagen chitosan scaffold in skin wound healing (a rat model). Journal of Biomaterials Applications. October 2020. doi:10.1177/0885328220963920.
- Extracellular Vesicles' miRNA-21; a potential therapeutic tool in Premature Ovarian Dysfunction Human Reproduction, pp. 1–14, 2020 doi:10.1038/molehr/gaaa68
- The role of hepatic transcription factor cAMP response element-binding protein (CREB) during the development of experimental nonalcoholic fatty liver: a biochemical and histomorphometric study. Egyptian Liver Journal (July 2020) 10:36
<https://doi.org/10.1186/s43066-020-0046-8>
- Biocompatible Luminescent Nanosized Curcumin: Verified Parameters Affecting Stability and Bioavailability. International Journal of Dentistry and Oral Science (IJDOS) Int J Dentistry Oral Sci. 2020;7(12):1000-1007.<http://scidoc.org/IJDOS.php>
- Characterization of Urine Stem Cell-Derived Extracellular Vesicles Reveals B Cell Stimulating Cargo. Int. J. Mol. Sci. 2021, 22, 409. <https://doi.org/10.3390/ijms22010409> Int. J. Mol. Sci. 2021, 22, 409. <https://doi.org/10.3390/ijms22010409>
- Urine stem cells are equipped to provide B cell survival signals. Stem Cells. 2021;1–17. wileyonlinelibrary.com/journal/stem DOI: 10.1002/stem.3301
- The Therapeutic Potential of Amniotic Fluid-Derived Stem Cells on Busulfan-Induced Azoospermia in Adult Rats. Tissue Eng Regen Med (2021) 18(2):279–290
<https://doi.org/10.1007/s13770-020-0294-w>
- Physical versus Immunological Purification of Mesenchymal Stem Cells. Book Chapter Mesenchymal stem cells – isolation, Characterization and applications. 10,0772/intechopen.69290

- Cardiac Stem cells; current knowledge and future prospects.
Review article (under final revision)
World Journal of Stem Cells
- Bone mineral density and vitamin D receptor genetic variants in Egyptian children with beta thalassemia major on vitamin D supplementation.
Mediterranean journal of hematology and infectious diseases ٢٠١٩; ١١ (١).
- The clinical and prognostic significance of FIS¹, SPI¹, PDCD^Y and Ang^Y expression levels in acute myeloid leukemia
Cancer genetics ٢٠١٩; ٢٣٣, ٨٤-٩٥
- MicroRNA-١٩٦a² single nucleotide polymorphism rs^{١١٦١٤٩١٣} in Egyptian patients with chronic lymphocytic leukemia.
Hematol Transfus Int J ٢٠١٩; ٧ (١), ١٧-٢٠
- Study of microRNA profile as a molecular biomarker in Egyptian chronic lymphocytic leukemia.
Indian Journal of Hematology and Blood Transfusion ٢٠١٩; ٣٥ (١), ٨٩-٩٩
- Detection of plasminogen activator inhibitor-1 (-٦٧٥ G/G) gene polymorphism in women with recurrent abortion
Hematol Transfus Int J ٢٠١٩; ٧ (٤), ٤١-٤٤
- Isotretinoin induces dermcidin expression in patients with moderate to severe acne vulgaris
Journal of the Egyptian Women's Dermatologic Society ٢٠١٩; ١٦ (١), ٥٦
- PIK³CA Polymorphism (rs^{١٧٨٤٩٠٧٩} C/T) and Expression in Breast cancer Patients
<https://doi.org/10.1016/j.genrep.2019.100012>
- PIK³CA and PTEN Genes Expressions in Breast Cancer.
Asian Pac J Cancer Prev. ٢٠١٩; ٢٠(٩): ٢٨٤١-٢٨٤٦.
doi: 10.31007/APJCP.2019.20.9.2841
- IL¹⁷A (rs^{٢٢٧٥٩١٣} G>A) and IL¹⁷F (rs^{٢٣٩٧٠٨٤} T>C) Gene Polymorphisms: Relation to Psoriasis Risk and Response to Methotrexate.
Research Square ٢٠١٩

- Relation of nitric oxide synthase gene (NOS γ) polymorphisms to varicocele risk and post-varicocelectomy seminal oxidative stress reduction.
Andrologia 2020; 52 (3), e13020
- Long intergenic non-coding RNA-p21 is associated with poor prognosis in chronic lymphocytic leukemia.
Clinical and Translational Oncology, 2020; 1-8.
- Association between TP53 and MDM2 Gene Polymorphisms and Risk of Hepatocellular Carcinoma in Hepatitis C Virus among Egyptian Populations.
Asian Journal of Research in Biochemistry 2020.
- The Role of Interleukin-22 Genetic Polymorphism in A Cohort of Egyptian Patients With Ulcerative Colitis.
Journal of Gastroenterology and Hepatology Research 2020.
- Absence of Mitsuokella multacida is associated with early onset of colorectal cancer. DOI: 10.1108/1038-7440.AM2020-6103 Published August 2020. In: Proceedings of the Annual Meeting of the American Association for Cancer Research 2020; 2020 Apr 27-28 and Jun 22-24. Philadelphia (PA): AACR; Cancer Res 2020;80(16 Suppl):Abstract nr 6103.
- Melatonin receptor 1A gene polymorphism rs13140012 and serum melatonin in atherosclerotic versus non-atherosclerotic Egyptian ESRD patients: pilot study.
<https://doi.org/10.1016/j.heliyon.2020.e04394>
- Plasma microRNA-192 expression as a potential biomarker of diabetic kidney disease in patients with type 2 diabetes mellitus
DOI: 10.563/DK.2020...40
Clinical Diabetology 2020;9(6):454-460.
- Serum expression of microRNA-16 in a cohort of Egyptian patients with ulcerative colitis and its correlation with disease extent and severity.
<https://doi.org/10.1016/j.jcol.2020..05..012>

Genetics publications – Alexandria University

- Analysis of Heterozygous BRCA¹ c.382ins Founder Mutation in a Cohort of Egyptian Breast Cancer Female Patients Using Pyrosequencing Technique
doi: 10.31057/APJCP.2020.21.2.431.
- TFAP2E and MLH¹ Genes methylation pattern and microsatellite instability as predictors of rectal cancer response to neoadjuvant chemoradiotherapy
Research in Oncology 2020;
Doi: 10.2164/resoncol.2020.36.18.1106
- Increased Expression of IL-17A and IL-17F Is Correlated With RUNX¹ and ROR γ T in Pediatric Patients With Primary Immune Thrombocytopenia
J Pediatr Hematol Oncol. 2021 Apr 1;43(3):e320-e327.
doi:10.1097/MPH.0000000000002108.
- PD-1 and PD-L1 Gene Expressions and their association with Ebstien-Barr virus infection in CLL .
Clinical and Translational Oncology 2021

Medical Research Institute

Human genetics department

- Gadelrab H, Mokhtar M, Morsy H, Elnaggar M. Study of Gene Expression of Programmed Cell Death Ligand 1 (PD-L1) in Breast Cancer Patients. *Tumori Journal*. 2021;107(1_suppl):2-2.
doi: [10.1177/0300891621107122](https://doi.org/10.1177/0300891621107122).
- Abu Samra Nehal, Rashad Mona, Abd ElMoneim Nadia, Shawky Sanaa, Kamel Maher. The prognostic value of vitamin D receptor and its upstream miR-27b and miR-120a expression in breast cancer patients. *Gene Reports*, Volume 23, 2021, 101121, ISSN 2402-0144
- Bedair, R.N., Magour, G.M., Ooda, S.A. *et al.* Insulin receptor substrate-1 G978R single nucleotide polymorphism in Egyptian patients with chronic hepatitis C virus infection and type 2 diabetes mellitus. *Egypt Liver Journal* 11, 2 (2021).
<https://doi.org/10.1186/s43066-021-00069-1>
- Bedair, R.N., Magour, G.M., Ooda, S.A. *et al.* Could insulin receptor H1080H C > T single nucleotide polymorphism predict insulin resistance in type 2 diabetic and chronic hepatitis C virus patients in Egypt?. *Egypt Liver Journal* 11, 4 (2021).
<https://doi.org/10.1186/s43066-021-00066-4>
- Donato, L.; Abdalla, E.M.; Scimone, C.; Alibrandi, S.; Rinaldi, C.; Nabil, K.M.; D'Angelo, R.; Sidoti, A. Impairments of Photoreceptor Outer Segments Renewal and Phototransduction Due to a Peripherin Rare Haplotype Variant: Insights from Molecular Modeling. *Int. J. Mol. Sci.* 2021, 22, 3484.
<https://doi.org/10.3390/ijms22073484>
- Aglan SA, Elsammak M, Elsammak O, El-Bakoury EA, Elsheredy HG, Ahmed YS, Sultan MH, Awad AM. Evaluation of serum Nestin and HOTAIR rs12826786 C>T polymorphism as screening tools for breast cancer in Egyptian women. *J Med Biochem*. 2021 Jan 26;40(1):17-20. doi: 10.5937/jomb-20290. PMID: 33084136; PMCID: PMC7807801.
- Ali S., El-Daly A., El-Sayed A, El-Shredy H., Fadaly G. The Study of Programmed Death-1 Receptor, Programmed Death-1 Ligand (Pd-1/Pd-L1) and Apoptosis in Breast Cancer Patients: A Potential Mechanism of

- Immune Escape. Tumori Journal. 2020;106(1_suppl):5-5.
doi:10.1177/0300891620914124
- Behery AK. Fragile X-syndrome: clinical and molecular studies. J Egypt Public Health Assoc. 2008;83(3-4):273-283. PMID: 19302779.
 - El-Gedawi OA, El-Sayad MH, Sadek NA, Hussien NA, Ahmed MA. Detection of *T. gondii* infection in blood donors in Alexandria, Egypt, using serological and molecular strategies. Parasitol United J [serial online] 2016 [cited 2021 Jul 1];9:24-30. Available from: <http://www.new.puj.eg.net/text.asp?2016/9/1/24/192992>
 - Ayad MW, El Naggar AA, El Naggar M. MTHFR C677T polymorphism: association with lymphoid neoplasm and effect on methotrexate therapy. Eur J Haematol. 2014 Jul;93(1):63-9. doi: 10.1111/ejh.12302. Epub 2014 Apr 1. PMID: 24092886.
 - Ragaa A, Ramadan Lubna M, Desouky, Mostafa A, Elnaggar, Mai Moaaz, and Amr M. Elsherif. Genetic Testing and Molecular Biomarkers. Nov 2014;704-760. <http://doi.org/10.1089/gtmb.2014.0191>
 - Al-Kahiry W, Tawfik HS, Sharshira H, Ghanem A, El-Gammal M, Mikhael IL. Smudge cell percentage as a surrogate marker for ZAP-70 expression in patients with chronic lymphocytic leukemia. Blood Res. 2018 Sep;53(3):218-222. doi: 10.5040/br.2018.53.3.218. Epub 2018 Sep 28. PMID: 30310788; PMCID: PMC6170303.
 - Fassad MR, Shoman WI, Morsy H, Patel MP, Radwan N, Jenkins L, Cullup T, Fouda E, Mitchison HM, Fasseeh N. Clinical and genetic spectrum in 33 Egyptian families with suspected primary ciliary dyskinesia. Clin Genet. 2020 Mar;97(3):509-510. doi: 10.1111/cge.13661. Epub 2019 Dec 5. PMID: 31600523.
 - Bedewy AML, Elmaghhraby SM, Kandil NS. ABCB1 and BMI1 mRNA expression in patients with chronic myeloid leukemia: impact on imatinib efficacy. Blood Res. 2019 Mar;54(1):57-62. doi: 10.5040/br.2019.54.1.57. Epub 2019 Mar 21. PMID: 30906960; PMCID: PMC6439291.
 - Osman H, Osman MY, Alsaidy AA. GSTT1, Calpain 1, SNP 19 and indices of glycaemia in type 2 diabetes. Br J Biomed Sci. 2019

Oct;76(4):200-207. doi: 10.1080/09674840.2019.166001. Epub 2019 Sep 11. PMID: 31460838.

- Eman El-Abd, Doaa Salman, Ashraf Hassan, Waiel Alrefaie, Shehata El-Sewedy. PERIPHERAL CYCLO-OXYGENASE-2 mRNA IN LIVER DISEASES INCLUDING EARLY STAGES OF HEPATOCELLULAR CARCINOMA. Journal of the Medical Research Institute JMRI, 2011; Vol. 32 No. 2 (77 - 82)
- Amina El-Gezeery, Ebtesam Abdalla, Mohamed Mokhtar, Gihan Khalil. Ghrelin Arg⁹¹Gln Polymorphism in Egyptian Patients with Type II Diabetes Mellitus. Journal of high Institute of Public Health, Article 10, Volume 38, Issue 1, Winter 2008, Page 188-199
- Morteza Seifi, Tim Footz, Ebtesam M Abdalla, Karim M Nabil, Ghada M Elhady, Robert Ritch, Michael A Walter; Discovery of a novel deletion in PITX3 by dye-based quantitative PCR confirms that haploinsufficiency is a disease-causing mechanism for Axenfeld-Rieger Syndrome. *Invest. Ophthalmol. Vis. Sci.* 2014;55(13):6416.
- Moaaz M, Youssry S, Baess A, Abed A, Moaaz M. Immune signature of CCR5⁺ central memory T cells associates with disease severity and Immunoglobulin E in bronchial asthma. *Eur Ann Allergy Clin Immunol.* 2021 May;53(3):110-127. doi: 10.2382/EurAnnACI.1764-1489.168. Epub 2020 Sep 11. PMID: 32914944.
- Ghazy AA, Osman EM, Rashwan EA, Gaballah AH, Mostafa H, Tawfik S. Relation between microRNA-21, transforming growth factor β and response to treatment among chronic hepatitis C patients. *J Med Virol.* 2019 Dec;91(12):2166-2173. doi: 10.1002/jmv.25009. Epub 2019 Aug 11. PMID: 31368031.
- Eid W, Abdel-Rehim W. Genome-wide analysis of ETV1 targets: Insights into the role of ETV1 in tumor progression. *J Cell Biochem.* 2019 Jun;120(6):8982-8991. doi: 10.1002/jcb.28169. Epub 2019 Jan 10. PMID: 30629294.
- Zaher ER, Anwar MM, Kohail HM, El-Zoghby SM, Abo-El-Eneen MS. Cell-free DNA concentration and integrity as a screening tool for cancer. *Indian J Cancer [serial online]* 2013 [cited 2021 Jul 1];50:170-83.

Available

from: <https://www.indiancancer.com/text.asp?2013/50/3/175/118721>

- Luigi Donato, Concetta Scimone, Simona Alibrandi, Ebtesam Mohamed Abdalla, Karim Mahmoud Nabil, Rosalia D'Angelo, Antonina Sidoti. New Omics—Derived Perspectives on Retinal Dystrophies: Could Ion Channels-Encoding or Related Genes Act as Modifier of Pathological Phenotype? International Journal of Molecular Sciences; 2021, 22(1): 7.
- Hanan E. Shamseldin, Ranad Shaheen, Nour Ewida, Dalal K. Bubshait, Hisham Alkuraya, Elham Almardawi, Ali Howaidi, Yasser Sabr, Ebtesam Abdalla, et al. The morbid genome of ciliopathies: an update. Genetics in Medicine; 2020; 22(7): 1001-1070.
- Amr Shujaa-Addin, Mervat Hashish, Nahla Nazmy, Amany Srour, Ebtesam Abdalla. Detection of SHOX gene deletions in Egyptian children with idiopathic short stature using FISH. Meta Gene; 2020; 24: 100797.
- Eliza Thompson, Ebtesam Abdalla, Andrea Superti-Furga, William McAlisted, Lisa Kratz, Sheila Unger, Beryl Royer-Bertrand, Belinda Campos-Xavier, Laureane Mittaz-Crettol, Asmaa K. Amin, Cori DeSanto, David B. Wilson, Ganka Douglas, Beth Kozel, Marwan Shinaw. Lamin B receptor-related disorder is associated with a spectrum of skeletal dysplasia phenotypes. Bone; 2019; 120: 354-362.
- Ivan Ivanovski, Olivera Djuric, Stefano Giuseppe Caraffi, Daniela Santodirocco, Marzia Pollazzon, Simonetta Rosato, Duccio Maria Cordelli, Ebtesam Abdalla, et al. Phenotype and genotype of 11 patients with Mowat–Wilson syndrome and recommendations for care. Genetics in Medicine; 2018; 20(9): 960-970.
- Ebtesam Abdalla, Ahmed El-Beheiry, Klaus, Julien Thevenon, Julien Fauré, John Rendu. Lowe syndrome: A particularly severe phenotype without clinical kidney involvement. American Journal of Medical Genetics A 2018; 176A(2):460-464.
- Cecilia Giunta, Matthias Baumann, Christine Fauth, Uschi Lindert, Ebtesam M. Abdalla, Angela F. Brady, et al. A cohort of 17 patients with kyphoscoliotic Ehlers–Danlos syndrome caused by biallelic mutations in FKBP14: expansion of the clinical and mutational spectrum and

description of the natural history. *Genetics in Medicine* 2018; 20(1): 42-54.

- Garavelli L, Ivanovski I, Caraffi SG, Santodirocco D, Pollazzon M, Cordelli DM, Abdalla E, et al. Neuroimaging findings in Mowat-Wilson syndrome: a study of 54 patients. *Genetics in Medicine* 2017; 19(7):791-798.
- Ebtesam Abdalla, Gianina Ravenscroft, Louay Zayed, Sarah J. Beecroft, Nigel G. Laing. Lethal multiple pterygium syndrome: A severe phenotype associated with a novel mutation in the nebulin gene. *Neuromuscular Disorders* 2017; 27(7):537-541.
- Ebtesam Abdalla, Oliver Bartsch, Danuta Galetzka, Ulrich Zechner. Novel Clinical Findings in the First Egyptian Case of Sotos Syndrome Caused by Complete Deletion of the NSD1 Gene. *American Journal of Medical Genetics A* 2017; 173A(4):1090-1093.
- Miriam Reuter, Hasan Tawamie, Rebecca Buchert, Ola Hosny Gebril, Tawfiq Froukh, Christian Thiel,, Ebtesam Abdallah, Heinrich Sticht, Dagmar Wieczorek, André Reis, Rami Abou Jamra. Diagnostic yield and novel candidate genes by exome sequencing in 102 consanguineous families with neurodevelopmental disorders. *JAMA Psychiatry* 2017; 74(3):293-299.
- Ragaa A. Ramadan, Lubna M. Desouky, Mai Moaaz, Mostafa A. Elnaggar, Mohamed Selima, Mohamed Samir, Ebtesam Abdalla. Association of vitamin D receptor and toll like receptor variants with colon cancer risk: A case control study in Egypt. *Meta Gene* 2017; 11:209-216.
- Morteza Seifi, Tim Footz, Sherryl Taylor, Ghada El-Hady, Ebtesam M. Abdalla, Michael A Walter. Novel PITX1 gene mutations in patients with Axenfeld-Rieger syndrome. *Acta Ophthalmologica* 2017; 94(7):e571-e579.
- Reddy R, Nguyen NM, Sarrabay G, Rezaei M, Rivas MC, Kavasoglu A, Berkil H, Elshafey A, Abdalla E, Nunez KP, Dreyfus H, Philippe M, Hadipour Z, Durmaz A, Eaton EE, Schubert B, Ulker V, Hadipour F, Touitou I, Fardaei M, Slim R. The genomic architecture of NLRP7 is Alu rich and predisposes to disease-associated large deletions. *European Journal of Human Genetics* 2017; 24:1440-1452.

- Agnieszka Gaczkowska, Ebtesam M. Abdalla, Karin M.L. Dowidar, Ghada M. Elhady, Paweł P. Jagodzinski, Adrianna Mostowska. De novo EDA mutations: Variable expression in two Egyptian families. Archive of Oral Biology ٢٠١٦; ٦٨:٢١-٢٨.
- Karim M. Nabil, Lubna M. El-Desouky, Ebtesam M. Abdalla. Association of PPAR γ Pro^{۱۲}Ala and C^{۱۴۳۱}T polymorphisms with type ۲ diabetes and diabetic retinopathy in a sample of Egyptian patients. Journal of Ophthalmic Clinical Research ٢٠١٦; ۳: ۰۱۹.
- Ebtesam Abdalla & Israa Alaa-Eddin. Bilateral Fibular Dimelia with Mirror Foot: An Additional Case Report. Journal of Genetics Syndromes & Gene Therapy ٢٠١٦; ٧:٢.
- Ebtesam M. Abdalla, Louay H. Zayed, Noha M. Issa, Asmaa K. Amin. Fraser syndrome: Phenotypic variability and unusual findings in four Egyptian families. Egyptian Journal of Medical Human Genetics ٢٠١٦; ١٧:٢٣٣-٢٣٨.
- Ebtesam Abdalla, Karim nabil, Ghada El-Hady. It's not Mccune-Albright Syndrome, It's Neurofibromatosis-۱. Journal of Genetics Syndromes & Gene Therapy ٢٠١٦; ٧:۱.
- Ebtesam M. Abdalla, Lubna M. El-Desouky, Nargues M. Hassanein. Post-mortem clinical examination by experienced clinical geneticists as an alternative to conventional autopsy for assessment of fetal and perinatal deaths in countries with limited resources. Turkish Journal of Pediatrics ٢٠١٥; ٥٧: ١٤٦-٥٣.
- Ebtesam M. Abdalla, Marianne Rorbach, Céline Bürer, Marius Kraenzlin, Hazem Eltayeb, Mervat El-belbesy, Amira Nabil, Cecilia Giunta. Kyphoscoliotic type of Ehlers Danlos syndrome (EDS VIA) in six Egyptian patients presenting with a homogeneous clinical phenotype. European Journal of Pediatrics ٢٠١٥; ١٧٤: ١٠٥-١١٢.
- Ammar D. Elmezayen, Samia M. Kotb, Nadia A. Sadek, Ebtesam M. Abdalla. β -globin mutations in Egyptian patients with β -thalassemia. Laboratory Medicine Winter ٢٠١٥; ٤٦: ٨-١٢

- Makrythanasis P, Nelis M, Santoni F, Guipponi M, Vannier A, Béna F, Gimelli S, Stathaki E, Temtamy S, Mégarbané A, Masri A, Aglan M, Zaki M, Bottani A, Fokstuen S, Gwanmesia L, Aliferis K, Bustamante M, Stamoulis G, Psoni S, Kitsiou-Tzeli S, Fryssira H, Kanavakis E, Al-Allawi N, Sefiani A, Al Hait S, Elalaoui S, Jalkh N, Al-Gazali L, Al-Jasmi F, Bouhamed H, Abdalla E, Cooper D, Hamamy H, Antonarakis S. Diagnostic exome sequencing to elucidate the genetic basis of likely recessive disorders in consanguineous families. *Human Mutation* 2014;35:1203–1210.
- Mahmoud R Fassad, Lubna M El-Desouky, Samir Asal, Ebtesam M Abdalla. Screening for the mitochondrial A¹⁰⁰⁰G mutation among Egyptian patients with non-syndromic, sensorineural hearing loss. *International Journal of Molecular Epidemiology & Genetics* 2014;5:200–204
- Abdalla EM, Zayed LH. Mowat-Wilson syndrome: Deafness in the first Egyptian case who was conceived by ICSI. *Journal of Child Neurology* 2014; 29(12) NP168-NP170.
- Abdalla EM, Has C.A plakophilin-1 gene mutation in the first reported Egyptian family of ectodermal dysplasia-skin fragility syndrome. *Molecular Syndromology* 2014;5:304–307.
- Abdalla EM, Mostowska A, Jagodziński P, Dwidar D, Ismail SR. A novel WNT1-A mutation causes non-syndromic hypodontia in an Egyptian family. *Archive of Oral Biology* 2014; 59: 722–728.
- Traverso M, Asereto S, Gazzero E, Savasta S, Abdalla EM, Rossi A, Baldassari S, Fruscione F, Ruffinazzi G, Fassad MR, El Beheiry A, Minetti C, Zara F, Biancheri R. Novel FAM126A mutations in hypomyelination and congenital cataract disease. *Biochemical & Biophysical Research Communications* 2013; 439: 369–372.
- Abdalla EM, Morsy HA. Mental retardation, short stature and synpolydactyly in a manifesting heterozygote of Bartsocas–Papas syndrome. *Clinical Genetics* 2013; 84: 300–301.
- Abdalla EM, Kholeif SF, Elshaffie RM. Homozygosity for a Robertsonian translocation (13q;14q) in a healthy 44, XY male with history of repeated fetal losses: Case report. . *Laboratory Medicine* 2013; 44(3):204–207.

- Abdalla EM, Hayward BE, Shamseddin A, Nawar MM. Recurrent hydatidiform mole: detection of two novel mutations in the NLRP γ gene in two Egyptian families. European Journal of Obstetrics & Gynecology & Reproductive Biology 2012; 164:211–215.
- Abdalla EM, El-Kharadly RN. Pericentric inversion of chromosome 9 in a consanguineous couple with molar pregnancies and spontaneous abortions. Laboratory Medicine 2012; 43(5):212-217.
- Kalay E, Sezgin O, Chellappa V, Mutlu M, Morsy H, Kayserili H, Kreiger E, Cansu A, Toraman B, Abdalla EM, Aslan Y, Pillai S, and Akarsu NA. Mutations in RIPK4 cause the autosomal-recessive form of popliteal pterygium syndrome. American Journal Human Genetics 2012; 90(1):76–80.
- Morsy HMA, Abdalla EM, El-Gezeery AR, Nazmy NA, Mokhtar MM. Molecular and Clinical Characterization of Glucose-1-Phosphate Dehydrogenase Deficiency in Alexandria, Egypt. Alexandria Journal of Pediatrics 2012 (2); 26:79-84.
- Ramadan, R., Elkarmouty, A. & Elnaggar, M. Aberrant methylation of yes-associated protein (YAP1) as a potential biomarker in breast cancer. *Egypt J Med Hum Genet* 2014; 24 (2019).
<https://doi.org/10.1186/s43042-019-0038-x>
- Emam SM, Amin AK, Issa NM, El-Attar MS. A Genetic Association Study of a Specific Gene and Severe Form of Resorption in the Edentulous Mandible in the Egyptian Population. J Prosthodont. 2019 Apr; 28(4):409-410. doi: 10.1111/jopr.13040. Epub 2019 Mar 13. PMID: 30829443.
- El-Sayad, M.H., Salem, A.I., Fazary, H. et al. Detection of toxoplasmosis in aborted women in Alexandria, Egypt using ELISA and PCR. J Parasit Dis (2021).
- Ibrahim M El Akkary, Mervat E El Seweify , Mohamed Mokhtar Mohamed, Mamdouh M El -Yamany, Eman Y. Khairy, Ola A. Salama. THE ROLE OF BETA-2 ADRENERGIC RECEPTOR GENE POLYMORPHISM IN THE PATHOPHYSIOLOGY OF ASTHMA ASSOCIATED WITH OBESITY. Journal of the Medical Research Institute, Article 1, Volume 36, Issue 2, Summer 2010, Page 76-84

- Elsammak MY, Al-Sharkawey RM, Ragab MS, Amin GM, Kandil MH. In Egyptians, a mutation in the lymphotoxin-alpha gene may increase susceptibility to hepatitis C virus but not that to schistosomal infection. Ann Trop Med Parasitol. 2008 Dec; 102(8):709-16. doi: 10.1179/136480908X337099. PMID: 1900388.
- Dalia Elsayed Metawly, Ahmed Noby Amer, Hanan Mostafa Mostafa, Gamal El Din Elsawaf, Ola Abd El Kader. Low cost detection of hepatitis C virus RNA in HCV infected patients by SYBR Green I real-time PCR. Alexandria Journal of Medicine, Vol. 5 No. 2 (2018)
- Nomair, A.M., Ahmed, S.S., Nomeir, H.M. *et al.* The role of protein inhibitor of activated STAT3 and miRNA-18a expressions in breast cancer. Egypt J Med Hum Genet 20, 10 (2019).
<https://doi.org/10.1186/s43042-019-0021-7>
- Morsi MI, Hussein AE, Mostafa M, El-Abd E, El-Moneim NA. Evaluation of tumour necrosis factor-alpha, soluble P-selectin, gamma-glutamyl transferase, glutathione S-transferase-pi and alpha-fetoprotein in patients with hepatocellular carcinoma before and during chemotherapy. Br J Biomed Sci. 2006;63(2):74-8. doi: 10.1807/09674840,2006,11732724. PMID: 16871999.
- Abdo, S.M., El-Adawy, H., Farag, H.F. *et al.* Detection and molecular identification of *Blastocystis* isolates from humans and cattle in northern Egypt. J Parasit Dis (2021). <https://doi.org/10.1007/s12639-021-01304-0>
- Noha S. Kandil, Rania El Sharkawy, Lubna Desouky, Lamia Kandil, I.M. Masoud, Noha Amin. Renalase gene polymorphisms (rs2076178 and rs1487880) in Egyptian hypertensive end stage renal disease patients. Egyptian Journal of Medical Human Genetics, Vol. 19 No. 2 (2018)
- Ooda SA, El-Belbesy MF, Hassanein NM, Elgaddar OH, Bachlah HM. Assessment of the association of the adiponectin gene single-nucleotide polymorphism 50T/G with type 2 diabetes mellitus in Egyptian diabetic patients. Egypt J Obes Diabetes Endocrinol 2016;22:22-30.
- Ahmed M. Awad, Wafaa S. Ragab, Nourhan Degheidy, Said Ahmed Ooda, "Whole Genome 5-Methylcytosine Level Quantification in Cirrhotic HCV-Infected Egyptian Patients with and without Hepatocellular

Carcinoma", International Journal of Genomics, vol. 2020, Article ID 1769730, 8 pages, 2020. <https://doi.org/10.1100/2020/1769730>

- El-Tokhy MA, Hussein NA, Bedewy AM, Barakat MR. XPD gene polymorphisms and the effects of induction chemotherapy in cytogenetically normal de novo acute myeloid leukemia patients. *Hematology*. 2014 Oct;19(8):397-403. doi: 10.1179/1607845413Y.0000000144. Epub 2013 Nov 28. PMID: 24284041.
- Ramadan R, Zaki M, Sharkawy R, Desouky L, Madkour M and Kamel K. The C161T Polymorphism in Peroxisome Proliferator-Activated Receptor γ2, 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. doi: [10.4236/jdm.2016.61001](https://doi.org/10.4236/jdm.2016.61001).
- Laila H. El-Sayed, Amany A. Ghazy, Seham A. Abou-Shousha, Hossam M. Ghoneim, Wael El-Refaay, Essam Zaki, Elsayed Hafez, Mohammed Rahman. The melanoma antigen gene and the expression of soluble intercellular adhesion molecule-1 mRNA in Egyptian hepatocellular carcinoma patients: their clinicopathological and prognostic significance. *International Journal of Immunological Studies*, 2009, Volume 1, Issue 1
- Nahla Nazmy, Soha Kholeif, Amal Behery. Phenotypic variability in patients with isodicentric Y(p11.3). a clinical, cytogenetic and molecular study. *Egyptian Journal of Medical Human Genetics* Vol. 9 (2) 2008: pp. 189-200.
- El Feky, S.E., Ibrahim, F.A., Haroun, M., Ahmmad, M.A.-R., Elnaggar, M., Elghandour, S. and El Moneim, N.A.A. (2019) Genetic Variation of hTERT, Leukocyte Telomere Length and the Risk of Breast Cancer: A Case-Control Study in Egyptian Females. *Advances in Breast Cancer Research*, 8, 61-76. <https://doi.org/10.4236/abcr.2019.82008>
- Mahmoud, N., Moustafa, A., Mahrous, H., El-Gezeery, A., Mahmoud, H., Abd El-Menam, N. BRCA1 (180delAG) Mutation among Egyptian Breast Cancer Female Patients. *Journal of High Institute of Public Health*, 2008; 38(2): 409-424. doi: 10.21608/jhiph.2008.2089
- ELsheredy A, Yousif Z, Elghazzawi E, Elmenshawy A, Ghazal A. Prevalence of Genes Encoding Aminoglycoside-Modifying Enzymes and

- armA among *Acinetobacter baumannii* Clinical Isolates in Alexandria, Egypt. *Infectious Disorders Drug Targets.* ٢٠٢١ Feb. DOI: ١٠.٢١٧٤/١٨٧١٥٢٦٥٢١٦٦٢١٠٢٢٥١١٣٠٤١.
- Amina El Gezeery, Noha Mahmoud , Amal Moustafa, Hanan Mahrous , Hesham Mahmoud, Nadia Abd El-Menam. BRCA¹ gene mutation in familial breast cancer. *Turkish Journal of Cancer.* ٣٨(٤): ١٦٧ - ١٧٤, ٢٠٠٨.
 - Ghazy AA, Elsheredy HG, Abouelella AM, Rashwan EK, Khaled BEA, Elsheredy AG. Significance of Intracellular Adhesion Molecule-1 Polymorphism and IP-10 among Breast Cancer Patients. *Egypt J Immunol.* ٢٠٢٠ Jan; ٢٧(١): ١٨٧-١٩٥. PMID: ٣٣٢٣٦٦٢١.
 - Osman EM, Abu El Nazar SY, Maharem DA, Al-Jebouri DM, Naga IS. Relation between vitamin d level and cyclin-dependent kinase-1 gene expression in egyptian patients with lupus nephritis and their impact on disease activity. *Indian J Nephrol* ٢٠٢١; ٣١: ١٦٣-٨
 - Bedewy M, El-Maghraby S, Bedewy A. CD163 and c-Met expression in the lymph node and the correlations between elevated levels of serum free light chain and the different clinicopathological parameters of advanced classical Hodgkin's lymphoma. *Blood Res.* ٢٠١٣ Jun; ٤٨(٢): ١٢١-٧. doi: ١٠.٥٤٥/br.٢٠١٣.٤٨.٢.١٢١. Epub ٢٠١٣ Jun ٢٥. PMID: ٢٣٨٢٦٥٨١; PMCID: PMC3698397.
 - El-Menoufy MA, Ahmed MA. High expression of activation-induced cytidine deaminase mRNA can predict early-stage progression and poor responsiveness to treatment in chronic lymphocytic leukemia. *Egypt J Haematol* ٢٠١٨; ٤٣: ٤٩-٥٤
 - MA Zaki, TF Moghazy, MMK El-Deeb, AH Mohamed, NAA Mohamed. Glutathione S-transferase M¹, T¹ and P¹ gene polymorphisms and the risk of developing type ٢ diabetes mellitus in Egyptian diabetic patients with and without diabetic vascular complications. *Alexandria Journal of Medicine*, Vol. ٥١ No. ١ (٢٠١٥)
 - EBEID, Samia et al. Determination of the predictive and prognostic values of polymorphism of some cell cycle genes in breast cancer. **International Journal of Basic and Applied Sciences**, [S.l.], v. ٥, n. ٢, p. ١٥٧-١٦٣, may ٢٠١٦. ISSN ٢٢٢٧-٥٠٠٣.

- Nancy M. Attia, Gamal El Din A. El Sawaf, Magda M. Abo-Oollo, Chol A. A. Beak, Iman S. Naga. Diagnostic value of microRNA-100 and microRNA-146a in critically ill patients with suspected sepsis. Egyptian Journal of Medical Microbiology Volume 29 / No. 3 / July 2020.
- Moyassar Ahmad Zaki, Ragaa Abd El Kader Ramadan, Mahmoud Ibrahim Mahmoud, Dalal Mohammed El-Kaffash, and Rami Samir Assaad. Genetic Testing and Molecular Biomarkers. Aug 2010, 444-449.
<http://doi.org/10.1089/gtmb.2010.0069>
- Salwa H. Gomaa, Ahmed M. Zaki, Eman A. El-Attar, Mohamed M. Mokhtar, Manal S. Swelem. Polymorphisms of Renin Angiotensin System Genes in Uterine Leiomyomas Among Egyptian Females. Journal of Clinical Gynecology and Obstetrics, North America, 4, apr. 2010
- Naga, I.S., Kamel, A.A.F., Ooda, S.A. et al. Effect of directly acting anti-viral agents on immunological imprints in chronic HCV-4a patients: interleukin-10 and vascular endothelial growth factor genes expression level. Egypt Liver Journal 11, 30 (2021).
- Mohamed MA, Mohamed EI, El-Kaream SAA, Badawi MI, Darwish SH. Underexpression of miR-186-0p but not Overexpression of miR-100 is Associated with Lung Cancer Stages. Microrna. 2018;7(2):120-127. doi: 10.2174/22110366.766618.212124032.
- Elemeery MN, Mohamed MA, Madkour MA, Shamseya MM, Issa NM, Badr AN, Ghareeb DA, Pan CH. MicroRNA signature in patients with hepatocellular carcinoma associated with type 2 diabetes. World J Gastroenterol. 2019 Nov 14;25(42):6322-6341.
- Rasha S. Abo El Alaa, Samia A. Ebeid, Nadia A. Abd El Moneim, Sanaa A. El-Benawy, and Ahmed S. Ahmed, “Doublecortin like Kinase-1 is Overexpressed in Breast Cancer Tissues and Correlated with Epithelial-mesenchymal Transition Markers.” Journal of Cancer Research and Treatment, vol. 7, no. 1 (2019): 1-9. doi: 10.12691/jcrt-7-1-1
- Gaballah, A., Naga, I., Elsheredy, A., Elsawaf, G., & Kader, O. (2018). Prevalence of NS5 Mutations Inducing Resistance to Protease Inhibitors in Chronically Infected Hepatitis C Virus Genotype 4 Patients in Egypt. Microbiology Research Journal International, 22(2), 1-9.

- Hend A El-Taweel , Yasmine A Isaa , Ghada A Shehata , Ahmed Gaballah, Wael M Lotfy, Mona M Tolba. Restriction fragment length polymorphism (RFLP) analysis of *Blastocystis* spp. in symptomatic and asymptomatic individuals from Alexandria, Egypt. Parasitologist United Journal, ٢٠٢٠, Vol. ١٣, No. ٣ ١٦٤-١٧١
- Mai Moaaz, Sara Youssry, Ahmed Moaz & Mohamed Abdelrahman (٢٠٢٠) Study of Toll-Like Receptor ٤ Gene Polymorphisms in Colorectal Cancer: Correlation with Clinicopathological Features, Immunological Investigations, ٤٩:٥, ٥٧١-٥٨٤, DOI: [10.1007/s11686-020-07887](https://doi.org/10.1007/s11686-020-07887)
- El-Sayad, M., Abdel Rahman, M., Hussein, N. *et al.* microRNA-100 Expression and Butyrylcholinesterase Activity in the Liver Tissue of Mice Infected with *Toxoplasma gondii* (Avirulent and Virulent Strains). *Acta Parasit.* (٢٠٢١). <https://doi.org/10.1007/s11686-021-0711-1>
- Tolba, M.M., El-Taweel, H.A., Khalil, S.S. *et al.* Genotype analysis of *T. gondii* strains associated with human infection in Egypt. *Parasitol Res* ١١٣, ١٥٦٣–١٥٦٩ (٢٠١٤).
<https://doi.org/10.1007/s00436-014-3801-4>
- Ibrahim, S.S., Hafez, E.E. & Hashishe, M.M. Presymptomatic breast cancer in Egypt: role of *BRCA1* and *BRCA2* tumor suppressor genes mutations detection. *J Exp Clin Cancer Res* ٢٩, ٨٢ (٢٠١٠).
- Abdel-Hamid, MS, Abdel-Ghafar, SF, Ismail, SR, et al. Micro and Martsolf syndromes in ٣٤ new patients: Refining the phenotypic spectrum and further molecular insights. *Clin Genet.* ٢٠٢٠; ٩٨: ٤٤٥–٤٥٦. <https://doi.org/10.1111/cge.13820>
- Hemida MA, AbdElmoneim NA, Hewala TI, Rashad MM, Abdaallah S. Vitamin D Receptor in Breast Cancer Tissues and Its Relation to Estrogen Receptor Alpha (ER-α) Gene Expression and Serum ٢٥-hydroxyvitamin D Levels in Egyptian Breast Cancer Patients: A Case-control Study. *Clin Breast Cancer.* ٢٠١٩ Jun; ١٩(٣):e٤٠٧-e٤١٤. doi: 10.1016/j.clbc.2018.12.019. Epub ٢٠١٩ Jan ٧. PMID: ٣٠٨٣٣١٧٤.
- Hassan A. diagnosis of *Helicobacter pylori* infection and risk factor of the presence of *cagA* and *vacA* genes. *International Journal of Infectious Diseases,* ٢٠١٠, ١٤th International Congress on Infectious Diseases (ICID) Abstracts, Vol. ١٤

- Lotfy H, Moaaz M, Moaaz M. The novel role of IL-37 to enhance the anti-inflammatory response of regulatory T cells in patients with peripheral atherosclerosis. *Vascular.* 2020;28(5):629-642.
doi: [10.1177/1708538120921730](https://doi.org/10.1177/1708538120921730)
- Amira A. Hassouna, Engy T. Hefnawy, Sahar A. El Shafie, Maged H. Zein El-Din. Cytochrome-P450 2C1 Polymorphisms: Contribution to Warfarin Sensitivity and Prevalence in Egyptian Population. *Bull. Egypt. Soc. Physiol. Sci.* 26 (2) 2006
- Latour BL, Van De Weghe JC, Rusterholz TD, Letteboer SJ, Gomez A, Shaheen R, Gesemann M, Karamzade A, Asadollahi M, Barroso-Gil M, Chitre M, Grout ME, van Reeuwijk J, van Beersum SE, Miller CV, Dempsey JC, Morsy H; University of Washington Center for Mendelian Genomics, Bamshad MJ; Genomics England Research Consortium, Nickerson DA, Neuhauss SC, Boldt K, Ueffing M, Keramatipour M, Sayer JA, Alkuraya FS, Bachmann-Gagescu R, Roepman R, Doherty D. Dysfunction of the ciliary ARMC9/TOGARAM1 protein module causes Joubert syndrome. *J Clin Invest.* 2020 Aug 3;130(8):4423-4439. doi: [10.1172/JCI131606](https://doi.org/10.1172/JCI131606); PMID: 32403716; PMCID: PMC7410078.
- El-Menoufy MA, Ahmed MA. Wilms' tumor gene 1 expression can predict sudden disease progression to blast crisis in patients with chronic myeloid leukemia receiving imatinib therapy. *Egypt J Haematol* 2018;43:38-43
- Amina R. El Gezeery; Mohamed M. Mokhtar; Samia M. Kotb; Maged Zien-Eldien. Prothrombin G20210A Mutation in Women with Preeclampsia in Alexandria. *Journal of High Institute of Public Health,* 2009, Article 1, Volume 30, Issue 1, Page 841-852
- Ahmed M. L. Bedewy, Shereen M. Elmaghriby. CIP1A expression in Bortezomib-treated multiple myeloma. *JBUON* 2020; 25(1): 390-400
- Hamed Neanea, Ghanem A , Elgammal M and Samir Y. (2018) Polymorphism of Human Organic Cationic Transporter1 (OCT1) in Egyptian Chronic Myeloid Leukemia Patients on Imatinib. *American Journal of Molecular Biology,* 8, 83-91. doi: [10.4236/ajmb.2018.82007](https://doi.org/10.4236/ajmb.2018.82007).
- ER Zaher, MM Anwar, HMA Kohail, SM El-Zoghby, MS Abo-El-Eneen. Value of circulating DNA concentration and integrity as a screening test

for detection of cancer in an Egyptian cohort. Alexandria Journal of Medicine, [Vol. ٤٨ No. ٣ \(٢٠١٢\)](#)

- AWAAD ASHRAF KHALED, FAYED HASSAN, HASSAN PASSAINTÉ. ESTABLISHMENT OF A NEW RAT MODEL OF ALZHEIMER'S DISEASE USING COPPER SULFATE. INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH, ٢٠١٦ Vol. ٥, ٣٤٧-٣٥٣
- Abd El-Latif, N.F., El-Taweel, H.A., Gaballah, A. et al. Molecular Characterization of Giardia intestinalis Detected in Humans and Water Samples in Egypt. *Acta Parasit.* ٦٥, ٤٨٢–٤٨٩ (٢٠٢٠).
<https://doi.org/10.2478/s11686-020-0176-4>
- MH Kandil, GM Magour, GI Khalil, DA Maharem, AM Nomair. Possible association of interleukin-1beta (-٥١١C/T) and interleukin-٦ (-١٧٤G/C) gene polymorphisms with atherosclerosis in end stage renal disease Egyptian patients on maintenance haemodialysis. *Egyptian Journal of Medical Human Genetics*, [Vol. ١٤ No. ٣ \(٢٠١٣\)](#)
- Ghoneim HM, Maher S, Abdel-Aty A, et al. Tumor-derived CCL-٢ and CXCL-٨ as possible prognostic markers of breast cancer: correlation with estrogen and progesterone receptor phenotyping. *The Egyptian Journal of Immunology*. ٢٠٠٩;١٦(٢):٣٧-٤٨.
- Abdel-Mohsen, MA, Ahmed, OA, El-Kerm, YM BRCA١ gene mutations and influence of chemotherapy on autophagy and apoptotic mechanisms in Egyptian breast cancer patients. *Asian Pac J Cancer Prev* ٢٠١٦; ١٧(٣): ١٢٨٥–١٢٩٢.
- Ebtsam R. Zaher, Mahmoud A. Hemida, Mostafa Al-Naggar. Impact of DNA Repair Genes Polymorphisms on Incidence and Prognosis of Breast Cancer in an Egyptian Cohort. *Journal of Cancer Research and Treatment*, ٢٠١٧, Vol. ٥, No. ١, ١١٣-١١٩
- Shereen M. EL-Maghraby and Ahmed M. L .Bedewy. Does JAK٢ V٦١٧F Mutation in Egyptian Patients with First Episode Venous Thromboembolism Contribute to the Hypercoagulable State and Interact with other Thrombophilic Factors? *Life Science Journal* ٢٠١٢;٩(٢)

- 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* 20, 16 (2019). <https://doi.org/10.1186/s43042-019-0020-y>
- LH El-Sayed, HM Ghoneim, MAA Rahman, B Mohamed, SNA Rawash, YM El-Kerm. Prognostic value of FOXP3 and TGF- β expression in both peripheral blood and lymph nodes in patients with B-Non Hodgkin's lymphoma. *Alexandria Journal of Medicine*, Vol. 5, No. 3 (2014)
- Soliman KE, Abdalla DM, Khedr GA. Livin gene expression in breast carcinoma: correlation with prognostic factors and patient outcome. *Egypt J Surg* 2016;35:339-47
- E. El-Abd E, L. Abou-Shamaa, H. Ghoneim, W. Fayed, and S. Al-Wasaby. Toll like receptor-4 expression and signaling in patients with colorectal carcinoma. *Canadian Journal on Medicine* Vol. 3, No. 2, February 2012
- Hussein Ael-S, El-Moneim NA, Mahmoud MM, Abdel -Baky MM. The role of interferon-gamma and vitamin-A in modulating telomerase activity in breast cancer patients. *The Egyptian Journal of Immunology*. 2003;10(1):47-56.
- Ghazy AA, El-Etreby NM. Relevance of HLA-DP/DQ and ICAM-1 SNPs among Ovarian Cancer Patients. *Front Immunol*. 2016 May 24;7:202. doi: 10.3389/fimmu.2016.00202. PMID: 27202704; PMCID: PMC4877010.
- Bedewy AM, El-Bendary WR. CYP2B1 polymorphism and lipoprotein lipase expression in chronic lymphocytic leukemia: impact on the outcome of fludarabine–cyclophosphamide regimen. *Egypt J Haematol* 2019;44:6-13
- Bedewy AM, EL-Maghraby SM, Bedewy MM. CD163 and c-Met expression and serum free light chain in advanced classical Hodgkin's lymphoma (correlation with different clinicopathological parameters). *Egypt J Haematol* 2013;38:102-7
- Ragaa A. Ramadan, Moyassar A. Zaki, Ahmed M. Awad, and Lamiaa A. El-Ghalid. Genetic Testing and Molecular Biomarkers. Jul 2010, 399-404. <http://doi.org/10.1089/gtmb.2010.0020>

- Saad AA, El-Sikaily A, Kamel MA, Kassem H, Abdel-Latif MS. Relationship between Metal Pollution and Gene Expression of Insulin-like Growth Factor II. *J Health Pollut.* ٢٠١٨ Jun ١١;٨(١٨):١٨٠٦٠٨. doi: ١٠.٥٦٩٦/٢١٥٦-٩٦١٤-٨,١٨,١٨٠٦٠٨. PMID: ٣٠٥٢٤٨٥٧
- Abd El Moneim, N., Masry, H., Sorial, M., Hewala, T., Embaby, A., Sheweita, S. (٢٠١٥). 'A Molecular Case-Control Study on the Association of Melatonin Hormone and rs#١٠٨٣٠٩٦٣ Single Nucleotide Polymorphism in its Receptor MTNR1B Gene with Breast Cancer', *Middle East Journal of Cancer*, ٦(١), pp. ١١-٢٠.
- Iman Salah Naga, Shahad Abdulwahab Abdulrazzaq, Dalia Metwally Ragab. GENOTYPIC DETECTION OF SOME PSEUDOMONAS AERUGINOSA VIRULENCE GENES AMONG DIFFERENT CLINICAL ISOLATES. *Journal of the Medical Research Institute JMRI*, ٢٠١٨; Vol. ٣٩ No. ٢: (٤٥-٤٢)
- Alabsi MS, Ghazal A, Sabry SA, Alasaly MM. Association of some virulence genes with antibiotic resistance among uropathogenic Escherichia coli isolated from urinary tract infection patients in Alexandria, Egypt: A hospital-based study. *J Glob Antimicrob Resist.* ٢٠١٤ Jun;٢(٢):٨٣-٨٦. doi: ١٠.١٠١٦/j.jgar.٢٠١٤.٠١.٠٠٣.
- Ibrahim, H.S., Shehab, A.Y., Allam, A.F. *et al.* Detection and Molecular Identification of *Cryptosporidium* Species Among Children with Malignancies. *Acta Parasit.* ٦٦, ٣٧٧-٣٨٣
- Ebeid, S., Abd El Moneim, N., Hewala, T., Hemida, M., Shehata, G., El-Taher, N. Assessment of Hypermethylation of RASSF1A and Protocadherin-10 Tumor Suppressor Genes in Breast Cancer Females: A Six-Year Disease-Free Survival Case-Control Study. *Middle East Journal of Cancer*, ٢٠١٦; ٧(١): ٩-٢٠.
- Bedewy AM, El-Maghraby SM. Do SLCO1B3 (T334G) and CYP3A5*3 polymorphisms affect response in Egyptian chronic myeloid leukemia patients receiving imatinib therapy? *Hematology*. ٢٠١٣ Jul; ١٨(٤): ٢١١-٦. doi: ١٠.١١٧٩/١٦٠٧٨٤٥٤١٢Y.....٦٧. Epub ٢٠١٣ Jan ٣١. PMID: ٢٣٣٩٤٤٧٥.

- Bedewy AM, Mostafa MH, Saad AA, El-Maghraby SM, Bedewy MM, Hilal AM, Kandil LS. Association of cyclin D1 A⁸⁷G polymorphism with two malignancies: acute lymphoblastic leukemia and breast cancer. J BUON. ٢٠١٣ Jan-Mar; ١٨(١):٢٢٧-٣٨. PMID: ٢٣٦١٣٤١٠.
- Helaly GF , El-Afandy NM, Hassan AA, Dowidar NL, Sharaf SM. Diagnostic Value of Housekeeping [glmM] Gene Expression in Antral Biopsies in Comparison to Rapid Urease Test and Histological Detection of Helicobacter Pylori Infection. Egyptian Journal of Medical Microbiology, October ٢٠٠٩ Vol. ١٨, No. ٤
- Sorour A, Ayad MW, Kassem H. The genotype distribution of the XRCC1, XRCC3, and XPD DNA repair genes and their role for the development of acute myeloblastic leukemia. Genet Test Mol Biomarkers. ٢٠١٣ Mar; ١٧(٣):١٩٥-٢٠١. doi: ١٠.١٠٨٩/gtmb.٢٠١٢.٠٢٧٨. Epub ٢٠١٣ Feb ١١. PMID: ٢٣٣٩٧٩٥٩.
- Neveen A Hussein, Mona AH Yehia. Effects of Copper Nicotinate Complex on Renal Metallothionein and Metal-Responsive Transcription Factor 1 Genes Expression During 4-Dimethylaminoazobenzene Exposure in Rats. Journal of High Institute of Public Health ٢٠١٥; ٤٥(٢):٧٦-٨٣.
- Bedewy, A.M.L., Showeta, S., Mostafa, M.H. et al. The Influence of CYP2C9 and VKORC1 Gene Polymorphisms on the Response to Warfarin in Egyptians. *Indian J Hematol Blood Transfus* ٣٤, ٣٢٨–٣٣٦ (٢٠١٨). <https://doi.org/10.1007/s12288-016-0720-4>
- Gomaa Mogahed SH, Hamed YS, Ibrahim Moursy YE, Mahomoud Saied MH. Analysis of Heterozygous BRCA1 c.382ins Founder Mutation in a Cohort of Egyptian Breast Cancer Female Patients Using Pyrosequencing Technique. *Asian Pac J Cancer Prev.* ٢٠٢٠; ٢١(٢): ٤٣١-٤٣٨. Published ٢٠٢٠ Feb ١. doi: ١٠.٣١٥٥٧/APJCP.٢٠٢٠.٢١.٢.٤٣١
- Yousef, A. I., El-Masry, O. S., & Abdel Mohsen, M. A. (٢٠١٦). Impact of Cellular Genetic Make-up on Colorectal Cancer Cell Lines Response to Ellagic Acid: Implications of small interfering RNA. *Asian Pacific Journal of Cancer Prevention*, ١٧(٢), ٧٤٣–٧٤٨.
<https://doi.org/10.7314/apjcp.2016.17.2.743>
- Metwally, D. E.-S., Rahim Ghazal, A. A., Sdek, N., Fadel, S., & Raouf Arafat, Y. A. (٢٠١٨). DNA Microarray-based Identification of Fungal

Pathogens in Neutropenic Patients in Alexandria University Hospitals in a Twelve-month Interval. Microbiology Research Journal International, ٢٢(٦), ١-١١. <https://doi.org/10.9734/MRJI/2017/39249>

- Gamal El-Din El-Sawaf, Maged Eissa, Abeer Ghazal, Dalia Metwally, Rania Abozahra and Walid Rafla. Molecular Diagnosis of Human Metapneumovirus Infection among Egyptian Infants with Acute Bronchiolitis. International Journal of Current Microbiology and Applied Sciences ISSN: ٢٣١٩-٧٧٠٦ Volume ٦ Number ٣ (٢٠١٧) pp. ٢٤٣٠-٢٤٣٧
- Ibrahim FA, Elfeky SE, Haroun M, Ahmed MA, Elnaggar M, Ismail NA and Abd El Moneim NA: Association of matrix metalloproteinases ٣ and ٩ single nucleotide polymorphisms with breast cancer risk: A case-control study. Mol Clin Oncol ١٣: ٥٤-٦٢, ٢٠٢.
- Hewida Hassan Fadel; Nahla E Hefny; Amany I Yousef; Nadia A Sadek; Eman Attea; Tarek El-Sewedy. The association of adiponectin polymorphism (rs ٢٢٤١٧٦٦) with susceptibility and prognosis of Egyptian patients with hematological malignancies: A case-control study. International Journal of Cancer and Biomedical Research, Article ٨, Volume ٤, Issue ١ - Serial Number ٥, Spring ٢٠٢٠, Page ٥٧-٦٨
- Bedewy AM, El-Bendary WR, Ibrahim LM. MDM٤ promoter SNP٣٠٩ mutation and HS١ expression in chronic lymphocytic leukemia patients (exploring their assumed prognostic value). Egypt J Haematol ٢٠١٣;٣٨: ١٥٥-٩
- Ebeid, S., Abd El Moneim, N., Ghoneim, H., El-Benawy, S., Ismail, S. Combination of Doxorubicin and Berberine Generated Synergistic Anticancer Effect on Breast Cancer Cells Through Down-regulation of Nanog and miRNA-٢١ Gene Expression. *Middle East Journal of Cancer*, ٢٠٢٠; ١١(٣): ٢٧٣-٢٨٥. doi: 10.30476/mejc.2019.81277.
- Ragaa Abdelkader Ramadan١*, Ahmad Mohamed Zaki١, Gehan Mahmoud Magour١, Moyassar Ahmad Zaki١, Sarah Ahmed Aglan١, Marwa Ahmed Madkour٢, Mohammed Mohammed Shamseya٢. Association of XbaI GLUT٤ Polymorphism with Susceptibility to Type ٤ Diabetes Mellitus and Diabetic Nephropathy. AJMB Vol. ٦ No. ٢, April ٢٠١٦

- El-Sarha, A.I., Magour, G.M., Zaki, S.M. *et al.* Serum sFas and Tumor Tissue FasL Negatively Correlated with Survival in Egyptian Patients Suffering from Breast Ductal Carcinoma. *Pathol. Oncol. Res.* 10, 241–250. (2009). <https://doi.org/10.1007/s12203-008-9191-x>
- Elsheredy AG, Almaeen AH, Ghazy AA, Helaly GF, Amer I, Ghazy HA, Haydara T. Impact of Interleukin 18B and ICAM-1 Genetic Polymorphisms on Response to Direct Antiviral Treatment Among HCV Infected Patients. *Endocr Metab Immune Disord Drug Targets.* 2020;20(8):1328–1330. doi: 10.2174/1871030206662005113619. PMID: 32368982.
- Iman A. Sharaf, Madiha H. Helmy , Eman S D. Khalil and Mofeed A. Badah, "Assessment of Potential Role of Fibroblast Growth Factor 23 and Klotho Gene Polymorphism in Cardiovascular Calcification Associated with Chronic and End Stage Renal Diseases", *Science Journal of Medicine and Clinical Trials*, Volume 2010, Article ID sjmct-206, 16 Pages, 2010.
- Fassad MR, Patel MP, Shoemark A, Cullup T, Hayward J, Dixon M, Rogers AV, Olsson S, Jackson C, Goggin P, Hirst RA, Rutman A, Thompson J, Jenkins L, Aurora P, Moya E, Chetcuti P, O'Callaghan C, Morris-Rosendahl DJ, Watson CM, Wilson R, Carr S, Walker W, Pitno A, Lopes S, Morsy H, Shoman W, Pereira L, Constant C, Loebinger MR, Chung EMK, Kenia P, Rumman N, Fasseeh N, Lucas JS, Hogg C, Mitchison HM. Clinical utility of NGS diagnosis and disease stratification in a multiethnic primary ciliary dyskinesia cohort. *J Med Genet.* 2020 May;57(5):322–330. doi: 10.1136/jmedgenet-2019-106011. Epub 2019
- El Barbary, N.E., El Belbesy, M.F., Asal, S.I. *et al.* Detection of 30delG, 167delT mutations in the connexin 26 gene among Egyptian patients with nonsyndromic sensorineural hearing loss. *Egypt J Otolaryngol* 31, 42–46 (2010). <https://doi.org/10.4103/1012-0074.102784>
- Ghazy, A., El-Sheredy, A. G., Al-Din, K., Khatab, M., & Abdel-Rahman, Z. (2011). The Effect of IP-10 Level and HLA-DP/DQ Polymorphisms on Response to Nucleoside/ Nucleotide Analogues Treatment among Hepatitis B Egyptian Patients. *Microbiology Research Journal International*, 13(4), 1-11. <https://doi.org/10.9734/BMRJ/2016/24047>
- Hesham Saeed * 1, 2 Hesham Neamattallah¹, Taha Zaghloul¹, Khali Elmolla³ and Amal Moustafa. Detection of the Microdeletions on Yq

Chromosome in Egyptian Population with Idiopathic Male Infertility. Life Science Journal ٢٠١٣;١٠(٤)

- Christian Thomas Hübner, Robert Meyer, Asmaa Kenawy, Laima Ambrozaityte, Ausra Matuleviciene, Florian Kraft, Matthias Begemann, Miriam Elbracht, Thomas Eggermann, *HMGA2* Variants in Silver-Russell Syndrome: Homozygous and Heterozygous Occurrence, *The Journal of Clinical Endocrinology & Metabolism*, Volume ١٠٥, Issue ٧, July ٢٠٢٠, Pages ٢٤٠١–٢٤٠٧, <https://doi.org/10.1210/clinem/dgaa272>
- Nargues Hassanein*; Mohamed M. Mokhtar. Angiotensinogen Gene (M²³⁰T) Variant and Pre-Eclampsia in Egyptian Pregnant Women. Article ٦, Volume ٣٧, Issue ٣, Summer ٢٠٠٧, Page ٦٥٥-٦٦٩
- El-Ashry MF, Abd El-Aziz MM, Bhattacharya SS. A clinical and molecular genetic study of Egyptian and Saudi Arabian patients with primary congenital glaucoma (PCG). *J Glaucoma*. ٢٠٠٧ Jan; ١٦(١): ١٠٤-١١. doi: 10.1080/10154160600888891. PMID: 17224709.
- Rashwan EA, 'Ghazy AA, 'El-Sheredy AG, 'Abdelnaby MA. Study of Interleukin ٢٨B rs1297986 and rs899117 Polymorphisms and T-helper ١ Response in Hepatitis C Virus Patients. THE EGYPTIAN JOURNAL OF IMMUNOLOGY Vol. ٢٢ (٢), ٢٠١٥ Page: ٥٧-٦٨
- Eid W, Biason-Lauber A. Why boys will be boys and girls will be girls: Human sex development and its defects. *Birth Defects Res C Embryo Today*. ٢٠١٦ Dec; ١٠٨(٤): ٣٦٥-٣٧٩. doi: 10.1002/bdrc.21143. PMID: 28033664.
- El-Etreby, N.M., Ghazy, A.A. & Rashad, R. Prohibitin: targeting peptide coupled to ovarian cancer, luteinization and TGF-β pathways. *J Ovarian Res* ١٠, ٢٨ (٢٠١٧). <https://doi.org/10.1186/s13048-017-0220-4>
- EMAN EL-ABD^١, ASHRAF HASSAN^٢, OSAMA EL-ASHRY^٣, MAGDA AL-IPSHITI^٤, SHEHATA EL-SWEDY. P^{٢٧} and mdm^٣ as molecular grading biomarkers in transitional cell carcinoma. *Turkish Journal of Cancer* Volume ٣٨, No. ٢, ٢٠٠٨
- Eldeeb MK, Magour GM, Bedair RN, Shamseya MM, Hammouda MA. Study of Dickkopf-1 (DKK-1) in patients with chronic viral hepatitis C-

related liver cirrhosis with and without hepatocellular carcinoma. Clin Exp Hepatol. ٢٠٢٠;٦(٢):٨٥-٩١. doi:١٠.٥١١٤/ceh.٢٠٢٠.٩٥٨٣١

- Yehia Ghanem, Azza Ismail, Rania Elsharkawy, Reem Fathalla, Amr El Feky. Expression of Notch ٢ and ABCC٨ genes in patients with type ٢ diabetes mellitus and their association with diabetic kidney disease. Clinical Diabetology ٢٠٢٠;٩(٥):٣٠٦-٣١٢ DOI: ١٠.٥٦٠٣/DK.٢٠٢٠.٠٠٣٧
- Dalia A. Maharem, Salwa H. Gomaa, Marwa K. El Ghandor, Ehab I. Mohamed, Khaled A. Matrawy, Sameh S. Zaytoun, and Hanan M. Nomeir. "Association of serum fetuin-A and fetuin-A gene polymorphism in relation to mineral and bone disorders in patients with chronic kidney disease" Egyptian Journal of Medical Human Genetics, vol. ١٤, no. ٤, ٢٠١٣. doi: ١٠.١١٦/j.ejmhg.٢٠١٣.٠٧.٠٠٣
- Nicolas Chatron, Felicitas Becker, Heba Morsy, Miriam Schmidts, Katia Hardies, Beyhan Tuysuz, Sandra Roselli, Maryam Najafi, Dilek Uludag Alkaya, Farah Ashrafzadeh, Amira Nabil, Tarek Omar, Reza Maroofian, Ehsan Ghayoor Karimiani, Haytham Hussien, Fernando Kok, Luiza Ramos, Nilay Gunes, Kaya Bilguvar, Audrey Labalme, Eudeline Alix, Damien Sanlaville, Julitta de Bellescize, Anne-Lise Poulat, EuroEpinomics-RES consortium AR working group, Ali-Reza Moslemi, Holger Lerche, Patrick May, Gaetan Lesca, Sarah Weckhuysen, Homa Tajsharghi, Bi-allelic *GAD1* variants cause a neonatal onset syndromic developmental and epileptic encephalopathy, *Brain*, Volume ١٤٣, Issue ٥, May ٢٠٢٠, Pages ١٤٤٧-١٤٦١, <https://doi.org/10.1093/brain/awaa180>
- M. Moaaz, S. Abo El-Nazar, M. Abd El-Rahman & E. Soliman (٢٠١٦) Stem Cell Factor and Interleukin-٣١ Expression: Association with IgE among Egyptian Patients with Atopic and Nonatopic Bronchial Asthma, Immunological Investigations, ٤٥:٢, ٨٧-١٠٦, DOI: [10.3109/08820139.2016.118919](https://doi.org/10.3109/08820139.2016.118919).
- Nomair AM, Issa NM, Madkour MA, Shamseya MM. The clinical significance of serum miRNA-٢٢٤ expression in hepatocellular carcinoma. Clin Exp Hepatol. ٢٠٢٠;٦(١):٢٠-٢٧. doi: ١٠.٥١١٤/ceh.٢٠٢٠.٩٣٠٥٢
- Hassan N. Sallam, Amal. Abd El Aziz. Cordocentesis in the management of non- immune hydrops fetalis. Bulletin, Alexandria University, faculty of Medicine. ٤: ٦٥١ - ٦٥٥, ١٩٩٠.

- Amal M. Abd El Aziz, Suzan R. Ismail, Hassan N. Sallam. Obstetric and Cytogenetic Techniques in Prenatal diagnosis. Alexandria Conference of High-risk Pregnancy and Fetal Medicine Update. Alexandria, Egypt. January ١٣-١٤, ١٩٩٤.
- Mohamed M. Mokhtar, Samia Morsi Kotb, Amal Moustafa Abd El Aziz, Suzan Roushdy Ismail. Genetic study of couples with repeated spontaneous abortions in Alexandria. Med Sci Res. ٢٤:٥٩٣ - ٥٩٥, ١٩٩٧.
- Suzan R. Ismail, Mohamed M. Mokhtar, Amal M. Abd El Aziz, Soha F. Kholeif. Role of parental age and consanguinity in the etiology of numerical chromosome anomalies. Bulletin of High Institute Public Health .٢٧ (١): ١٢٣ - ١٣٠, ١٩٩٧.
- Soha F. Kholeif, Amal M. Abd El Aziz. Chromosome anomalies in couples with recurrent spontaneous abortions. The ١٢th Annual International Scientific Congress of Obstetrics & Gynaecology-Faculty of Medicine - university of Alexandria. March ١٩٩٧.
- Soha F. Kholeif, Amal M. Abd El Aziz, Mohamed M. Mokhtar. Relationship between head circumference and psychomotor development in Down syndrome. Bulletin of High Institute Public Health .٢٧ (٢): ٢٧٧ - ٢٨٦, ١٩٩٧.
- Tarek A. Karkour, Amal M. Abd El Aziz, Ahmed F. Bakr. Perinatal outcome and cytogenetic study in fetuses with absent end-diastolic velocity in the umbilical artery waveform. Bulletin of High Institute Public Health .٢٧ (٤): ٥٥٥ - ٥٦٤, ١٩٩٧.
- Amal M. Abd El Aziz, Mohamed M. Mokhtar Autosomal chromosome aberrations among children with severe mental retardation. Bulletin of High Institute Public Health .٢٧ (٤): ٥٦٥ - ٥٧٠, ١٩٩٧.
- Amal M. Abd El Aziz. Pericentric inversion of chromosome ٩ and clinical significance. Bulletin of High Institute Public Health .٢٨ (١): ١٢٣ - ١٣٠, ١٩٩٨.
- Amal M. Abd El Aziz. Genomic imprinting (State of art). November ١٩٩٨.

- Amal M. Abd El Aziz. Premarital genetic Counseling. ١٠th Annual Congress of Egyptian Medical Syndicate. Recent Advances in diagnosis and Treatment. Alexandria, Egypt. October ١٠-١١, ٢٠٠٢.
- Amal M. Abd El Aziz. تشخيص الأمراض الوراثية في الأجنة. المؤتمر السنوي العشرون للجمعية المصرية للطب والقانون-الأسكندرية، مصر. ١٣-١١ مارس ٢٠٠٣
- Nargeus M. Hasanein, Amal M. Abd El Aziz. Neural tube defects: Sex ratios and recurrence risk. Bulletin of High Institute Public Health .٣٠ (٣): ٥٢٣ - ٥٣٢, ٢٠٠٠.
- Amal M. Abd El Aziz. Nargeus M. Hasanein, Sahar A. El Shafei. Genetic study of cleft lip with or without cleft palate and cleft palate. Bulletin of High Institute Public Health .٣١ (٣): ٦٤٩ - ٦٥٨, ٢٠٠١.
- Amal M. Abd El Aziz, Mohamed M. Mokhtar, Nahla A. Nazmy, Hanan S. Mahrous. Cytogenetic profile of Down syndrome in Alexandria, Egypt. Eastern Mediterranean Journal, July ٢٠٠٢.
- Amal M. Abd El Aziz, Mohamed M. Mokhtar, Amal K. Behery, Nargeus M. Hasanein. Premarital genetic investigations; an attempt to reduce genetic disorders. Bulletin of High Institute Public Health .٣٢ (٣): ٦٥١- ٦٦٤, ٢٠٠٢.
- Amal M. Abd El Aziz. Phenotypic variability in sex reversed patients; XX males and XY females. The Egyptian Journal of Medical Human Genetics. ٣ (٢): ٩٩ - ١١٠, ٢٠٠٢.
- Mervat F. El Belbesy, Suzan R. Ismail, Samia M. Kotb, Hassan A. El Hosseiny, Amal M. Abd El Aziz. Genetic study of multiple congenital contractures (Arthrogryposis multiplex congenita). Bulletin of High Institute Public Health .٣٣ (١): ١٩٥ - ٢١٠, ٢٠٠٣.
- Magdy M. El Bordini, Amal M. Abd El Aziz, Ashraf El Ghandour. High resolution banding technique in the detection of minimal residual disease in acute myeloid leukemia. Journal of Medical Research Institute. ٢٤ (٢) (suppl): ٥٤ - ٦٤, ٢٠٠٣.
- Lama M. El Attar, Amal M. Abd El Aziz, Khaled F. El Molla, Nahla A. Nazmy, Hesham M. saeed. Detection of microdeletions involving the DAZ

locus in idiopathic male infertility. Journal of Medical Research Institute. ٢٤ (٣): ١ - ١٢, ٢٠٠٣.

- Amal M. Abd El Aziz, Tarek A, Karkour. Chromosomal abnormalities and associated malformations in symmetrical intrauterine growth restriction. The Egyptian Journal of Medical Human Genetics. ٤ (١): ١١٣ - ١٢٨, ٢٠٠٣.
- Hanan S. Mahrous, Nahla A. Nazmy, Mohamed M. Mokhtar, Amal M. Abd El Aziz, Samia M. Kotb. Cytogenetic abnormalities among children with genetic disorders attending the genetic clinic in Alexandria. Journal of Pediatrics. ١٧ (٢): ٢٤١ - ٢٤٦, ٢٠٠٣.
- Amal M. Abdel Aziz, Mervat F. El-Belbesy, Nargeus M. Hasanein, Mohamed M. Mokhtar. Genetic classification and counseling among attendants of the Human genetic Clinic, Alexandria, Egypt. Journal of Medical Research Institute. ٢٤ (٤): ١٢٦ - ١٤٢, ٢٠٠٣.
- Amal M. Abd El Aziz. Pharmacogenomics (State of Art). Journal of Medical Research Institute. ٢٦(٢): ١٩٢ - ١٩٦, ٢٠٠٥.
- Mervat F. El-Belbesy, Amal M. Abd El-Aziz, Sahar A. El-Shafie, Hesham M. Saed, Hala A. El-Kholy. Clinical and Molecular Characterization of Achondroplasia in Egyptian Patients. Egypt Bulletin of High Institute of Public Health. ٣٦(٤): ٨٩٧-٩١٤, ٢٠٠٦.
- Farouk M. Talaat , Mohamed A. Ramadan , Amal M. Abdel Aziz , Horeya M. Omar Saad Allah , Ahmed El Sayed Sallam. Cytogenetic study in juvenile myoclonic epilepsy. Bulletin, Alexandria University, faculty of Medicine ٢٧٧. ٤٣ No.٢. ISSN ١١١٠-٠٨٣٤, ٢٠٠٧.
- Hesham Saeed, Hesham Neamattallah, Taha Zaghloul, Khalid Elmolla, Amal Moustafa. Molecular screening for microdeletions involving the Y chromosome. Life Science Journal. ١٠(٤): ١١٩١-١١٩٩ (ISSN: ١٠٩٧-٨١٣٥), ٢٠١٣.

Chemical pathology department

- Taq 'B polymorphism of cholesteryl ester transfer protein (CETP) in Egyptian patients with metabolic syndrome Mohamed Y. Elsammak a, Rania M. Al-Sharkawey a, Mohamed Falimy a,b, Hesham Hassan b, Mona H, Kandil a.

- IL- ϵ and reactive oxygen species are elevated in Egyptian patients affected with schistosomal liver disease. El Sammak MY, Al Sharkawey RM, Ragab MS, Amin GA, Kandil MH, Parasite Immunology vol ٣٠, ٢٠٠٨, ٦٠٣-٩.
- In Egyptians, a mutation in the lymphotoxin - a gene may increase susceptibility to hepatitis C virus but not that to schistosomal infection El Sammak MY, Al Sharkawey RM, Ragab MS, Amin GA, Kandil MH. Annals of Tropical Medicine and Parasitology. Vol ١٠٢(٨) ٢٠٠٨, ٧٠٩-١٦.
- Antioxidants and Tumor Necrosis Factor- a in Patients with Pulmonary Tuberculosis. Al Sharkawey RM, Hussein NA, Ghazal AA. Bulletin of High Institute of Public Health ٢٠١٠; ٤٠(٤):٥٩٦-٦١٣.
- Effect of adjuvant chemotherapy on serum neutrophil gelatinase associated lipocalin (NGAL) in Egyptian breast cancer patients. Al Sharkawy RM, Khalil GI, Mohamed O, Abu Rawash SNM. Arab. J. Lab. Med. ٢٠١٣; ٣٩(٢): ٣٩٥-٤٠٤.
- Electronic nose tracking different types of leukaemia; future prospects in diagnosis. Al Sharkawy RM, Mohamed El, Mahmoud GN, Moro AM, Abdel-Mageed SM, Kotb MA. Hematological Oncology ٢٠١٣.
- Non-invasive prediction of endometriosis revisited; ٣ biomarkers as Angiopoietin- ٢, Interleukin ١b and Vascular Endothelial Growth Factor. Al Sharkawy RM, Abdel-Moety H, Khalil GI, EI Ghandour MK, Moiety FS, Salem HAF. Obstetrics and Gynecology, ٢٠١٣; (٣):٥٢٨-٣٥.
- The role of high serum hepcidin in hyporesponsiveness to erythropoietin therapy in anemic hemodialized patients. Al Sharkawy RM , Mogliazy T, Magour G, Mohamed A, Egyptian Journal of Laboratory Medicine ٢٠١٢; ٦٥(٦).
- Study of Urotensin II gene and serum levels in relation to pre-eclampsia, Al Sharkawy RM, Moiety FMS, Hegab M. Clinical and Experimental Obstetrics & Gynecology ٢٠١٣.
- Association between the polymorphisms of Angiotensin Converting Enzyme (Peptidyl -Dipeptidase A) INDEL mutation (I/D) and Angiotensin II type I receptor (A¹¹¹¹C) and Breast Cancer among post menopausal

Egyptian Females. Al Sharkawy RM, Zaki A, Kamel A, BdairR, Saad A, Alexandria Journal of Medicine ٢٠١٣.

- Study the co-expression of multiple drug resistance protein -١ (MDR-١) in ovarian cancer in correlation with response to neoadjuvant chemotherapy and debulking surgery.
- Renalase gene polymorphisms (rs٢٥٧٦١٧٨ and rs١٠٨٨٧٨٠٠) in Egyptian hypertensive end stage renal disease patients. The Egyptian Journal of Medical Human Genetic ٢٠١٨.
- Evaluation of weak cation exchange (WCX) and hydrophobic-interaction chromatography (MB HIC C⁸) beads separation combined with Matrix Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry (MALDI-TOF-MS) for Protein Profiling in Detection of Early Breast Cancer in Egyptian Females. ٢٠١٩ *المجلة المصرية للطب المعملي*.
- Evaluation of Co-expression of Interleukin-١٠ and Vascular Endothelial Growth Factor Genes in Hepatitis C Patients Before and After Treatment with Directly Acting Antiviral Drugs. ٢٠١٩ *المجلة المصرية للطب المعملي*.
- Evaluation of CA-١٢٥, CA٧٢-٤, Human Epididymis Protein-٤ (HE-٤), and Macrophage Colony Stimulating Factor (M-CSF) AS Early Diagnostic Markers for Ovarian Cancer in Egyptian Women. European Journal of Gynaecological Oncology. ٢٠١٨
- Comparison between Sigma metrics in four accredited Egyptian medical laboratories in some biochemical tests: an initiative towards sigma calculation harmonization, Biochem Med (Zagreb). ٢٠١٨.
- Establishment of Reference Interval for some Turnover markers in healthy, young, premenopausal Egyptian females International Journal of advanced research (IJAR). ISSN: ٢٣٢٠-٥٤٠٧, ٢٠١٧.
- Evaluation of Protein Profiling in a Cohort of Egyptian Population with Renal Cell Carcinoma and Benign Kidney Neoplasms.

High Institute of Public Health

- S.A. Al-Awadi, T.I. Farag & K.K. Naguib. Clinicopathological and cytogenetic study of a true hermaphrodite presume to be an XX/XO mosaic (Abstract) J Med Genet., 220.
- S.A. Al-Awadi, A. Kabarity, T.I. Farag, & K.K. Naguib. Clinicopathological and cytogenetic study of a true hermaphrodite with presumptive XX/XO mosaicism. J Kwt Med Assoc., 10: 39-47.
- S..A. Al-Awadi, T.I.Farag, K.K.Naguib, A. Cuschieri & M. Issa. Familial jejunal atresia with ‘apple peel’ variant. J Roy Soc Med., 74: 499-501.
- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A. Cuschieri & J.G. Masterson. Wolf-Hirschhorn syndrome in an Arabic girl. J Irish coll Physics & Surg., 11, 3:110-111.
- S.A. Al-Awadi, T.I. Farag, A. Cuschieri, K.K. Naguib, & A.S. Teebi, Autosomal recessive inheritance of intestinal atresia. J Roy Soc Med., 76:434-435.
- S.A. Al-Awadi, A. Cuschieri, T.I. Farag, K.K. Naguib, A.S. Teebi, M. Issa & M.El-Sayed. Mixed Gonadal dysgenesis and sex chromosome mosaicism with multiple cell lines including structural aberrations of the chromosomes. Clin. Genet., 17: 172-176.
- S.A.Al-Awadi, T.I.Farag, K.K. Naguib & A.S. Teebi. Three sibs with Aarskog-Scott Syndrome (McK 20-40). Clin Genet. 23, 3: 222 (Abstract).
- S.A. Al-Awadi, A. Cuschieri, T.I. Farag, K.K. Nagui, A.S. Teebi, S.A. Al- Othman & A.H. Bahig, Ullrich-Turner Syndrome in monozygotic twins. Am J Med Genet 10:537-543.
- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A.S. Teebi, & A. Cuschieri. Six hemizygous male sibs with X-linked recessive hydrocephalus. Clin Genet. 23, 3: 224 (Abstract).

- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A.S. Teebi, A. Cuschieri, S.A. Al-Othman & T.S. Sundaresan. Interstitial deletion of the long arm of chromosome 1. J Med Genet. 20, 6: 464-465.
- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A.S. Teebi, F. Yousef & S. Hassan. Bilateral total gonadectomy in Ullrich-Turner Syndrome. J Kwt Med Assoc. 17: 242-244.
- M.H. Zahran, S.A. Al-Awadi, R. Gothi, K.K. Naguib & T.I. Farag. Iliac Index, Radiological Evaluation and clinical usefulness. Bull Alex Fac Med. Vol.XIX, No. 4.
- S.A. Al-Awadi, T.I. Farag, A. Cuschieri, K.K. Naguib, M.Y. El-Khalifa., G.Hosny, M. Zahran & A. Al-Ansari. Spondyloepiphyseal Dysplasia tarda with progressive arthropathy. J Med Genet. 21: 193-196.
- S.A. Al-Awadi, T.I. Farag, A.S. Teebi, K>K> Naguib & M.Y. El-Khalifa. Annencephaly: Disappearing in Kuwait. Lancet, II, 74-1-702.
- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A.S. Teebi, M.Y. El-Khalifa, & S. Yassin. X-linked hydrocephalus (Bickers-Adams-Edwards-syndrome. J Kwt Med Assoc. 18(3):187-190.
- S.A. Al-Awadi, T.I. Farag, K.K. Naguib, A.S. Teebi, M.Y. El-Khalifa, S.A. Al-Othman, T.S. Sundaresan, F. Mustafa, S. Abul-Hasan, A.A. Ramadan & A. ARedha. A five year experience with gonosomal abnormalities in Kuwait. J Kwt.Med Assoc. 18, 4: 220-232. Abstract in Am Hum Genet. 36: 4 Suppl. 4-S.
- S.A. Al-Awadi, A.S. Teebi, T.I. Farag, K.K. Naguib, & M.Y. El-Khalifa. Profound limb deficiency, thoracic dystrophy, unusual facies and normal intelligence:A new syndrome. J Med Genet. 22:36-38.
- S.A. Al-Awadi, T.I. Farag, A.S. Teebi, K.K. Naguib, M.Y. El-Khalifa, Y. El-Kelani and A. Al-Ansari. Hypergonadotrophic hypogonadism with partial dysplasia of skin appendages. A new autosomal recessive syndrome. Saudi Med J. 24(4): 300-304.
- S.A. Al-Awadi, M.A. Moussa, K.K. Naguib, T.I. Farag, A.S. Teebi, M.Y. El-Khalifa & L. El-Dossary. Consanguinity among the Kuwait population. Clin Genet. 27: 483-486.

- S.A. Al-Awadi, T.I. Farag, A.S. Teebi, K.K. Naguib, M.Y. El-Khalifa, Y. Kelani, A. Al-Ansari & R.N. Schimke. Primary hypogonadism and partial alopecia in three sibs with mullerian hypoplasia in the affected females.
- S.A. Al-Awadi, A.S. Teebi, T.I. Farag, K.K. Naguib, M.Y. El-Khalifa, A.S. Al-Othman & T.S. Sundaresan. A Five year experience with autosomal abnormalities in Kuwait. J Kwt Med Assoc. ٢٦٩-٢٧٥.
- A.S. Teebi, S.A. Al-Awadi, T.I. Farag, K.K. Naguib. Hypogonadotrophic hypogonadism mental retardation, obesity and minor skeletal abnormalities. Another new autosomal recessive syndrome from the Middle East. Am J Med Genet. ٢٤: ٣٧٦-٣٧٨.
- S.A. Al-Awadi, K.K. Naguib, A.S. Teebi, & T.S. Sundaresan De novo partial monosomy ١١ unusual karyotype. The Jpn J Hum Genet., ٣١ (١): ٤٥-٤٨.
- K.K. Naguib, S.A. Al-Awadi, T.I. Farag, A.S. Teebi, M.Y. El-Khalifa, L.V. Devarajan & R. Shaath. Amniotic band syndrome and fetal deformations. J Kwt med Assoc. Vol. ٢٠, ٢: ٨٩-٩٧.
- S.A. Al-Awadi, K.K. Naguib, T.I. Farag, A.S. Teebi, A. Cuschieri, S.A. Al-Othman & T.S. Sundaresan. Complex translocation involving chromosomes Y, ١ and ٣ resulting in deletion of segment ٣q٢٣-q٢٥. J Med Genet, ٢٣, (١)٩١-٩٢.
- S.A. Al-Awadi, K.K. Naguib, A.S. Teebi, T.I. Farag, L.V. Devarajan and M.Y. El-Khalifa. Lethal multiple pterygium syndrome: Report of ٤ sporadic cases. J Kwt Med Assoc., Vol. ٢٠, ٢, ١٣٥-١٤٠.
- S.A. Al-Awadi, T.I. Farag, A.S. Teebi, K.K. Naguib, M.A. Aref, M.H. El-Badramany, N.E. Khorafy, & T.A. El-Kassaby. Tetrasomy X (٤٨, XXXX) syndrome. J Kwt Med Assoc., ٢٠, ٥٧-٦٠.
- K.K. Naguib, S.A. Al-Awadi, M.A. Moussa, T.I. Farag, A.S. Teebi, M.Y. El-Khalifa, L.V. Devarajan & R. Shaath. Major chromosomal

Malformations among livebirths in Kuwiat (Abstract). Am J Hum Genet, ٣٩ (٣): A٧٣(٢١٣).

- S.A. Al-Awadi, T.I.Farag, K.K.Naguib, A.S.Teebi, M.Y.El-Khalifa, M.J.Marafie, S.A. al-Othman, T.S.Sundareshan and D.S. Krishna Murthy. Cytogenetic profile of Down's syndrome in the Arabs: A study of ٦٠٣ cases in Kuwait during ١٩٧٩-١٩٨٦. (Abstract): Am J Hum Genet, ٣٩(٣): A١٠٢ (٣٠٠).
- T.I. Farag, S.A. Al-Awadi, A.S. Teebi, K.K.Naguib, T.S.Sundareshan, M.Y.El-Khalifa, M.J.Marafie, S.A.Al-Othman, and D.S.Krishna Murthy. Rare chromosomal syndromes in Kuwait: A seven years experience. (Abstract): Am J Hum Genet, ٣٩ (٣) :A١١٣(٣٣٢).
- AL-AWADI S.A,'. NAGUIB KK',. MoussA, M.A.,, FARAG TI', A. S. TEEBI'A.S ., ELKHALIFA'MY : The effect of consanguineous marriages on reproductive wastage. Clinical Genetics ١٩٨٦: ٢٩: ٣٨٤-٣٨٨
- K.K.Naguib, A.S. Teebi, S.A. Al-Awadi, and M.J.Marafie Brachmann - de Lange syndrome in sibs. J Med. Genet. ٢٤:٦٢٧-٦٢٩.
- E.H.Mahfouz, M.A.Issa, T.I.Farag, K.K.Naguib, A.S.Teebi, M.Y.El-Khalifa, S.A.Al-Awadi. Down syndrome and intenstinal malformations in Kuwait. J Kwt Med Assoc. ٢٧(٣):١٩٧-٢٠٠.
- S.A. Al-Awadi, T.I.Farag, A.s.Teebi, K.K. Naguib, S.A.Al-Othman, T.S.Sundareshan, D.S.Krishna Murthy. Down's syndrome in Kuwait. Cytogenetic profile in ٦٣٥ cases and comparative study with world-wide surveys. J Kwt Med Assoc. ٢٧(٣):١٩١-١٩٦.
- T.I.Farag, A.S.Teebi, K.K.Naguib, M.Y.El-Khalifa, M.J.Marafie, T.S.Sundareshan, S.A.Al-Othman and S.A.Al-Awadi.Cytogenetic profile Klinefilter's syndrome. J Kwt Med Assoc. ٢١(٤):٢٩٩-٣٠٣.
- S.A.Al-Awadi, K.K.Naguib, T.I.Farag, and A.S.Teebi. Hypoplastic tibiae with postaxial polysyndactyly: a new dyminant syndrome. J Med Genet. ٢٤:٣٦٩-٣٧٢.
- S.A.Al-Awadi, T.I.Farag, K.K.Naguib, A.S.Teebi, M.Y.El-Khalifa, M.J.Marafie, M.A.Issa and E.SH Mahfouz. Intestinal malformations and

Down's syndrome in Arabs. (Abstract) - J Royal Society of Medicine ٨٠:٦١٦٢.

- K.K.Naguib, A.S.Teebi, Sadika A. Al-Awadi, A. Moosa, N.Alp. Multiple pterygium syndrome in five Arab sibs. Ann Genet, ٣٠٢, ١٢٢-١٢٥.
- S.A.Al-Awadi, T.I.Farag, A.S.Teebi, K.K.Naguib, M.Y.El_khalifa, S. El-Fadala and S.D. Parikh. Otologic abnormalities in ٥٣ Arab Down's syndrome children. J Kwt Med Assoc. ٢١(٤): ٣٤٢-٣٤٣.
- A.S.Teebi, S.A.Al-Awadi, T.I.Farag, K.K.Naguib, and M.Y.El-Khalifa. Phenylketonuria in Kuwait and Arab countries. Eur J pediatr ١٤٦:٥٩-٦٠.
- K.K. Naguib, S.A. Al-Awadi, M.J. Marafie, and S.Y. Al Hijji. Trisomy ١٨ clustering in Kuwait. Clin Genet ٣٢: ٣٧٩-٣٨٢.
- S.A. Al-Awadi, A.S.Teebi, T.I. Farag, K.K.Naguib. Inherited metabolic disease in Kuwait: The need for a nation-wide neonatal screening. Elsevier Science publishers B.V. (Biochemical division). ٤٧٩-٤٨٠.
- S.A. Al-Awadi, K.K.Naguib, S.A. Othman & T.S.Sundareshan. Trisomy ٤q: ٤٧, XY,-١١,+der(١١), t(٤;١١)(q٣٧;q٣٥) pat in a child with multiple congenital anomalies. Ind J Paediatr ٥٥: ٣٠٨-٣١١.
- A.S. , S.A.Al-Awadi, T.I. Farag, & K.K.Naguib. New mendelizing gene disorders in Kuwait. ٢٤th Pan Arab Medical Congress, Abstract No. ٢٢٢, page ٢٣٣.
- Teebi A.S. Al-Awadi Sa, Al-Awqati M, Farag TI, Naguib KK. Neonatal screening for phenylketonuria and congenital hypothyroidism in Kuwait. A preliminary report. In: proceedings of the ٧th Neonatal screening Symposium May ٢٢-٢٥, ١٩٨٨. Portland Eds. Skeels, Buist and Tuerk p ١٥٠-١٥١.
- A.S.Teebi, K.K.Naguib, S.A.Al-Awadi & Q.A. Al-Saleh. New Autosomal recessive facio-digital-genital syndrome. J Med Genet ٢٥: ٤٠٠-٤٠٦.
- K.K.Naguib, S.A.Al-Awadi, A.S. Teebi, T.I.Farag, R. Mowafi, M.J. Marafie, A.A. Ramadan. Holoprosencephaly in Kuwait: A study of thirteen cases and literature review. J Kwt Med Assoc. ٢٢(١):٤١-٤٧.

- K.K. Naguib, T.S. Sundareshan, A.M.Bahar, S.A.Al-Awadi, L.A. Jeryan, M.R.Hamdan. Fertility with deletion Xq¹⁰: Report of three cases; possible exceptions for critical region hypothesis: *Fert Steril* 49(5):917-919.
- SA Al-Awadi, TI Farag, AS Teebi, KK Naguib, TS Sundareshan, AA Ramadan DS Krishna Murthy. Robertsonian translocations and their clinical implications: A study of 70 cases. *J Kwt Med assoc.* 22(3): 263-266.
- MS Homoud, A Al-Alfy, LV Devarajan, KK Naguib, R Shaath. Lethal cutis laxa- Report of three affected female sibs. *J Kwt Med Assoc.* 22(3):291-294.
- A.S.Teebi, K.K.Naguib. Letter to the Editor: Autosomal Recessive Nonsyndromal Hydrocephalus. *Am J Med Genet* 31: 417-420.
- K.K.Naguib. Hypertelorism, Proptosis, Ptosis, Polysyndactyly, Hypospadias and Normal Height in 3 sibs: A New Syndrome? *Am J Med Genet* 29:35-41.
- KK Naguib, SA Al-Awadi, MA Moussa, TI Farag, AS Teebi. Effect of parental age, birth order and consanguinity on nondisjunction in the population of Kuwait. *J Kwt Med Assoc.* 23(1): 37-43.
- KK Naguib, SA Al-Awadi, MA Moussa, TI Farag, As Teebi, A El-Alfi, MJ Marafie, H Al-Abood. Syndromal and non-syndromal cleft lip with or without cleft palate in Kuwait. *Annals of Saudi Med* 9(4):388-392.
- K.K.Naguib, A.S.Teebi, T.I.Farag, S.A.Al-awadi, M.Y.El-Khalifa, El-Sayed Mahfouz. Familial uterine hernia syndrome: Report of an Arab family with four affected males. *Am J Med Genet* 33:180-181.
- T.S. Sundareshan, K.K. Naguib, S.A.Al-awadi, M.A.Redha, M.S.Hamoud. Apparently nonmosaic Trisomy 22: Clinical Report and Review. *Am J Med Genet* 33:

- D.S.Krishna Murthy, K.K.Naguib, S.A. al-Awadi, T.S. Sundareshan, S.A.Al-Othman, A.A.Hayat. Clinical and cytogenetic studies in familial polycystic ovarian disease. *J Obst Gynaecol* ١٠:.
- A.S. Teebi, S.A.Al-Awadi, T.I.Farag, and K.K.Naguib. New Mendelizing Gene disorders in Kuwait. *Abstract Hum Genet.* ٢٢٢.
- T.S. Sundareshan, K.K.Naguib, S.A. Al-Awadi, M.A.Redha, and M.S.Hamoud. Apparently nonmosaic trisomy ٢١: Clinical report and review. *J Am J Med Genet.* ٣٣:١-٤.
- T.I. Farag, Y.A.Z.Kelani, A.S. Teebi, K.K. Naguib, T.S.Sundareshan, S.A.Al-Awadi, M.Y.El-Khalifa, M.J.Marafie, L.Bastaki, S.A. Al-Othman, clustering of major chromosomal abnormalities among unselected sterile men in Kuwait.
- Naguib KK, Al-Awadi SA, Hypoplastic Tibiae with postaxial polysyndactyly in two sibs: Further conformation of a new syndrome. *Am J Med Genet* ١٩٩٠; ٣٥: ٥٨٨-٥٨٩.
- Elqarmalawi MA, Saddik M, Hadi Fe, Muwaffi R, Naguib K. Diagnosis and management of fetal sacrococcygeal teratoma. *Int J Gynecol Obstet* ١٩٩٠; ٣١:٢٧٥-٢٨١.
- Al-Awadi SA, Farag TI, Teebi AS, Naguib KK, Sundareshan TS, Murthy DS. Down syndrome in Kuwait. *Am J Med Genet* ١٩٩٠; ٧:٨٧-٨٨ Suppl.
- Mahfouz El Sayed, Issa M, Farag T, Naguib KK, Al-Awadi S, Schimke N. Persistent Mullerian Duct syndrome: Report of two boys with associated crossed testicular ectopia. *J pediatr Surgery* ١٩٩٠; ٢٥(٦): ٦٩٢-٦٩٣.
- KK Naguib, MS Hamoud, ES Khalil, MY El-Khalifa, Human Homologue for the mouse mutant disorganisation: Does it exist ? *Am J Med Genet.* ١٩٩١, ٢٨: ١٣٨.
- D.S Krishna Murthy, Kamal K Naguib, H.K.K. Arafia, S.A Al-Awadi. Spontaneous chromosomal instability, premature chromosome condensation, interchromatid exchanges and fragile (X) in a child with trisomy-٢١: A case report Annal de genetic (in press).

- K.K.Naguib, & S.A. Al-Awadi. Hypoplastic tibiae with postaxial polysyndactyly in two sibs: New evidence of a new syndromo. Am J Med Genet, 89:1-7.
- S.Hegab, S.M. Sheriff, S.A. Al-Awadi, K.Naguib, A.S.Teebi and C.L.Phillips. Coppock cataracts (Catracta centralis pulverulenta) in an Arab sibship: Possible autosomal recessive inheritance. (in press).
- Al-Awadi SA, Farag TI, Teebi AS, Naguib KK et al. : Cytogenetic profile of Down syndrome in Kuwait: A decade of experience; J Egpt Ph Assoc. ١٩٩١; Vol LXVI Suppl.٢٥٩.
- Abdulla MY, Farag TI, Teebi AS, Naguib KK, Marafie M, Bastaki L, Al-Awadi SA, L Badramany M. True and Pseudohermaphroditism importance of early diagnosis. International conf. Hum Gent. LXVI. Suppl. ١٩٩١.
- Naguib KK, Al-Awadi Sa, Moussa MA, Mohammed FM. Down syndrome in sibs: A study of recessive hypothesis controlling Non-disjunction, Bull HIPH ١٩٩٢, Vol XXII, (١) Jan: ١٢٥.
- Naguib KK, Al-Awadi Sa, Marafie M, Attia M, Bastaki L and Al-Tawary A. Holoprosencephaly clustering in Kuwait. Bull HIPH ١٩٩٢; Vol. XXII, (١) Jan: ١١٧.
- Naguib KK, Al-Awadi SA, Farag TI, Kotb SA & Nazif KM. oloprosencephaly Counsellor Dilema. Bull HIPH, ١٩٩٢, Vol. XXII; ٤ October ٦٦٠.
- Farag TI, Al-Awadi SA, El-Khalifa MY, Teebi AS, Naguib KK and Badramany MH. True and Pseudohermaphroditism: A decade of experience in Kuwait, Med Principles and Practice ١٩٩٢, ٩٣; ٣:١٥٦.
- Naguib KK, Salamma AA, Taha AI, Fodah HA. Brachmann de Lange syndrome with minimal physical retardation and age effect on phenotype. An Arab female. Alex J Pedtr. ١٩٩٢; ٦(١):١١١-١١٧.
- Naguib KK, Shams A, Tayel H. Sacrococcygeal Teratoma : A clinico genetic study of ٥ cases. Alex J Pedtr. ١٩٩٣; ٧(١): ٧١.

- Naguib KK, Nouseir SA, Nofal LM, Kharboush IF, Abou Zeid HM & Mortada MM. Consanguinity in Alexandria, Alex J Pedtr ١٩٩٣; ٧(٤): ٧٠٥.
- Naguib KK, Nofal L, Abdel Hamid A and Tayel K. Left handedness among preparatory school students in Alexandria. Bull HIPH, ١٩٩٤ Vol XXIV (٣): ٦٩٥.
- Naguib KK, Al-Awadi SA, Farag TI. Intestinal malformations among patients with Down syndrome. Alex J. Pedtr ١٩٩٤; April (٢) ٢١٥.
- Bastaki L, Naguib KK, Al-Awadi SA, Marafie M, Dabbous R. Congenital malformations in Kuwait. An over view study Alex J Pedtr ١٩٩٥.
- Naguib KK, Tayel KY, Abdel Hamid AA and Nofal L. Familial left Handedness. Bull HIPH ١٩٩٥; Vol.
- Hakim AK, Kharboush IF, Naguib KK, Noweir KH, Mortada M, El-Harby I. Some risk factors of lower respiratory tract infections in the first two years of life. Bull high Institute of Pub Health. ١٩٩٥; Vol ٢٥(٤): ٨١٩-٨٣٦.
- Hakim AK, Kharboush IF, Naguib KK, Mortada MM, Noweir KH, El-Harby I. Indoor Air polution and acute lower respiratory infections in the first two years of life. J Egypt PH Assoc. ١٩٩٥; Vol LXX ٥,٦: ٦٦٢-٦٧٨.
- Kharboush IF, Dabbous NI, Nasser S, Abou-Zeid H, Naguib KK. Practice related to treatment of diarrhoea among children attending MCH centres in Alexandria. Bull HIPH ١٩٩٥, ٢٥(٤): ٧٤٥-٧٥٦.
- Al-Harby MK, Al-Awadi SA, Naguib KK. Proteus syndrome in an Arab child. J Kwt Med Assoc. ١٩٩٥; ٢٧(٤): ٣١٣-٣١٥.
- Alfi AA, Harby MK, Mowafi RS, Al-Enezi E, Al-Awadi Sa, Naguib KK. Twin reversed arterial perfusion (TRAP) sequence. J Kwt Med Assoc. ١٩٩٦, ٢٨(٣): ٣٠٣-٣٠٦.
- Al-Awadi Sa, Shaheen WA, Bastaki L, Gouda S, Naguib KK. Familial laryngomalacia: A case report of ٩ affected relatives. Alex J Pedtr. ١٩٩٦, Jan (١): ٢٣-٢٥.

- Al-Awadi SA, Naguib KK. Genetics in Public Health. ١٠th Scientific Congress. Kwt Med Assoc. ١٩٩٦, November ١٥٦-١٦٣
- Naguib KK, Al-Awadi SA, Bastaki L, Gouda S. Consanguinity among patients Neurtube defects. ١٠th Scientific Congress. Kwt Med Assoc. ١٩٩٦, ٢٢٦ (in press).
- Naguib KK, Al- Etrebi NN, Al-Awadi SA, El-Harby MK. Complete testicular feminization with ٤٧,XYY karyotype: Double HIT phenomenon, ١٠th Congress. Kwt Med Assoc. ١٩٩٦, ٢٢٧ (in press).
- Fouda H, Al-Tawari A, Gouda S, Al-Awadi SA, Naguib KK. Spotlight on partial epilepsy of childhood in Kuwait. ١٠th Scientific Congress. Kwt Med Assoc. ١٩٩٦, ٢٤٦.
- Al-Harby MK, Naguib KK, Al-Awadi SA, Hamdy NF. Gordon syndrome in sibs. New varient. J Kwt Med Assoc. ١٩٩٦, ٢٨(١): ٥٣-٥٦.
- Hamoud MS, Naguib KK, Al-Souri H, Al-Awadi SA, Fakhry R. Pancreatic Agenesis appearing in Kuwait. Med Principles Pract. ١٩٩٧, ٦:٢٦-٢٩.
- Abul Hasan SJ, Krishna Murthy DS, Rasool MA, Naguib KK, Al-Awadi SA: De novo duplication and dynamic mosaicism of chromosome ٢٢ (q¹¹-q¹²) and structural rearrangement (translocation ٥, ٧, ١٤) in the father: A report. Am J Hum Genet ١٩٩٧, ٦١: (٤).
- Al-Awadi SA, Naguib KK, Bastaki L, Gouda S, Mohammed FM, Abul Hasan SJ, Al-Ateeqi WA, Murthy DS: Down syndrome in Kuwait: Recurrent Familail Trisomy ٢١ in Siblings. Down Syndrome. Research & Practice ١٩٩٨, ٥ (٣): ١٣١-١٣٧.
- Naguib KK, Al-Awadi SA, Bastaki L, Mousa M, Azab AS, Harbi M: Consanguinity among patients with neural tube defects. KMJ ١٩٩٨, ٣ (٤): ٢٩٢-٢٩٦.
- Naguib KK, Al-Awadi SA, Mousa M, Bastaki L, Gouda S, Redha M, Moustafa F, Tayel S, Abul Hasan SJ, Murthy K: Trisomy ١٨ in Kuwait. I J E ١٩٩٩; ٢٨:٧١١-٧١٦

- Naguib KK, Al-Awadi SA, Bastaki L, Mousa MA, Abul Hasan SJ, Tayel S, Murthy K: Clustering of Trisomy 18 in Kuwait: Genetic predisposition or Environmental?? Annal of Saudi Medicine 1999 May, 19,3: 197-200
- Kotb M, Naguib KK, Mousa MA, Harby M: Pregnancy outcome of diabetic women & its relation to glycosylated hemoglobin A_c level.
- Abul Hasan SJ, Bastaki L, Mohammed FM, Naguib KK, Gouda S, Taho J, Al-Awadi SA: XX male: A report of two unrelated cases & review of literature, 1999 Alex J Pediat, july, 13,2:327-331
- Bastaki L, Al-Awadi SA, Moussa A, Shawky R, Naguib KK: Clinico genetic study of dystrophinopathies: A comparative study in both Kuwait & Egypt 1999.Alex J Pediat,July 13,2:371-377
- Bastaki L, Al-Awadi SA, Moussa A, Shawky R, Naguib KK: A Genotype-Phenotype correlation Among Patients with Dystrophinopathies. 1999, Alex J Pediat,July 13,2 360-370.
- Tayel SM, El-Naggar RL, Krishnamurthy DS,Naguib KK,Al_Awadi SA.Familial pericentric inversion of chromosome 1 (p36,3-q23)and Bardet –Biedl Syndrome.Letter to the Editor.J Med Genet;36:418-419
- BastakiL, Al-Awadi S, Abul-Hasan S, Abdul-Khalek E, Azab A, Gouda S, Naguib K: CATCH 22 In Kuwait: A study of 20 families Alex J Pediat, 2000..
- KrishnaMurthy DS,Naguib KK,Soni AL,Bastaki L ,AL-Awadi SA .Health Science Poster Day ,April 24,2000 - Faculty of Medicine Kuwait University ,2000
- Hassan A Elsori, Kamal K Naguib, Magda S Hammoud:Gluteric Aciduria Type 1 In A Kuwaiti Infant
- Laila bastaki,Fatma Hegazy, Maha M al-Heneidi,Nadia Turki,Ayman S Azab and Kamal K Naguib:Fragile X syndrome : a clinico-genetic study of mental retarded patients in Kuwait,2004.EMHJ ,10-,12 116-124.
- Tayel SM,Moustafa MM,Al Naqeeb Neiran A, Guada Said Naguib KK :A morpho-etiological description of congenital Limb anomalies, ANN Saudi,Med 20 (3) .May –June 2000

- Fawzia MA, Mohammad Masoud Houshmand,Mehdi Shafa Shariat Panahi,,Laila Bastaki,Kamal K naguib,Baharak Houshair,Anna Olivieri, Antonio torroni:Mitochondrial DNA Haplogroups In Kuwaiti Infertile Males. Korean J Genetics ٢٠٠٦ (٣) ٢٨, ١-٧
- Laila Bastaki, Mamdouh MH El-Nabi Ayman S Azab, Said A Gouda,Amal M Al-wadaani And Kamal K Naguib :Floating-Harbor syndrome in a Kuwaiti patient:a case report and literature review ,٢٠٠٩.EMHJ ,١٣,٤:٩٧٥-٩٧٩.
- Mahmmad F ,al-Yatama F , Al- Bader ,tayel S ,Gouda S ,Naguib K . Primary male infertility in Kuwait: a cytogenetic and molecular study of ٢٨٩ infertile Kuwaiti patients, ٢٠٠٧ .Andrologia ٣٩ ,٨٧-٩٢ ٨٧.
- Naguib KK.Genetics in Public Health. The third international conference on health and development, Alex ٢٠٠٨, Alexandria, Egypt,November, ١١-١٣,٢٠٠٨.
- Naguib,KK. Clinicogenetic Approach of Malformed child.The Thidr Workshop:genetic Language for Clinician.faculty of medicine ,Alexandria University,Egypt.May ١٨,٢٠٠٩
- Naguib Kk.Patient's safety:A Clinicogenetic approach. ٤th International Conference of the High Institute of Public Health" Patient's Safety",Alex.Egypt October ٢٧-٢٩,٢٠٠٩ .
- Waleed Al-Herz,Kamal K Naguib,luigiD,Natarangelo,Raif S Geha,amal Alwadaani: Parental Consanguinity and the Risk of primary Immunee Deficiency Disorders:Report from The Kuwait national Primary Immunodeficiency Disorder Registry,INt arch Allergy Immunol,٢٠١١; ١٥٤:٧٦-٨.
- Khalid Al-Sebeih, Marium Al-Kandari, Sadika A Al-Awadi, Fatma F Hegazy, Ghada A Al-Khamees, Kamal K Naguib, Reem M Al-Dabbous: Connexin ٢٦ Gene Mutations in Non-Syndromic Hearing Loss Among Kuwaiti Patients. Medical Principles and Practice ٠٩/٢٠١٣; . . ,٩٦ Impact Factor

Unpublished Data

- Kamal K Naguib, Laila A Bastaki, Sadika A Al Awadi, Ayman S azab: Panhypopituitarism, Craniofacial Dysmorphia, Hypogonadism And Mental Retardation: A New Syndrome.
- Kamal K Naguib, Laila A Bastaki, Sadika A Al Awadi: Corpus Callosum Agenesis, Abnormal External Genitalia, Tetramicromelia, Polysyndactyly, coloboma Of Iris: A New Syndrome.
- Laila a Bastaki, Sadika A Al Awadi Fatma H, Maha M, Nadia T: A Clinicogenetic Study Of ١٨٢ Mentally Retarded Patients Using PCR Technique.
- Laila A Bastaki, Sadika A Al Awadi, Kamal K Naguib: Primary amenorrhea, Infantile Uterus, Alopecia, Diabetes Mellitus, Intracranial Calcification In Two Sibs: A New Syndrome.
- Hassan A Elsori, Kamal K Naguib, Magda S Hammoud:Gluteric Aciduria Type ١ In A Kuwaiti Infant.
- Sadika A Al Awadi,Laila A Bastaki, M A Mousa,Kamal K Naguib: Down Syndtome In Kuwait:A comprehensive Study Of ١٦٠ down Syndrome Patients.

Faculty of veterinary medicine

- Khatab S. A., Hemedha S. A., El-Nahas A.F., Abd El Naby W.S-H. ٢٠٢١. Intra and inter breed variation in immune response to acute and sub-chronic salmonella infection and to commercial immune-stimulant in two-layer breeds. Veterinary Medicine and Science. In press
- Aboukila, R. S., Hemedha, S.A., El-Nahas, Abd El Naby W. Sh. ٢٠٢١. Characterization of GHR¹ gene and expression analysis of some growth-related genes in oreochromis niloticus. Journal Advances in Animal and Veterinary Sciences. ٩(٧): ١٠٢٥-١٠٣٣
- . Abd El Naby, W.S.H., Basha, H.A., Ibrahim, S.E., Abo-Samaha, M.I. ٢٠٢١. Effects of Red and Blue Light during the Incubation of Turkey Eggs on Hatchability Performance and Expression Pattern of Some Myogenic Regulatory Genes. ٢٠٢١ Journal of World's Poultry Research, ١١(١), pp. ١٢٩-١٣٥
- Waleed N. El-Hawarry, Ramy M. Shourbela, Shymaa A. Khatab, Yasmeen G. Haraz. Mahmoud A.O. Dawood. ٢٠٢١ The effect of stocking density and carbon sources on the growth, growth related genes and intestinal histology of Nile tilapia (*Oreochromis niloticus*) reared under biofloc conditions. Animals. ٢٠٢١, ١١, ١٨٤.
- Shourbela, R.M., Khatab, Sh. A., Hassan, M.M., Van Doan, H. and Dawood, M. A.O. . The effect of stocking density and carbon sources on the water quality, oxidative status and nonspecific immunity of Nile tilapia (*Oreochromis niloticus*) reared under biofloc conditions. Animals .٢٠٢١; ١١- (١٨٤). <https://doi.org/10.3390/ani11010184>.
- El Nahas A.F., Abd El Naby W. Sh, Khatab S.A., Fergany A.A, Rashed R.R. ٢٠٢١. Comparative expression analysis of inflammatory and immune related genes in cattle during acute infection with different Foot and Mouth Disease virus serotypes in Egypt. Journal of Veterinary Research. March ٢٠٢١ J Vet Res ٦٠, ٣٩-٤٤, ٢٠٢١

- El Nahas A. F., Salem S.A. ٢٠٢٠. A meta-analysis on genetic diversity of VP¹ gene among the circulating FMD virus serotypes O, A, SAT^Y and vaccine strains in Egypt. Journal of Veterinary Research. Dec. ٢٠٢١. J Vet Res ٦٤, ٤٨٧-٤٩٣.
- Ghazy H.A., El-Nahas A.F., Mahmoud SA., Fahmy HA., El-Domany RA., Mahmoud HE., Omar A.A. Characterization of pseudomonas aeruginosa ghost and evaluation of its immune proficiency in Nile Tilapia (*Oreochromis niloticus*). Aquaculture International. ٢٨ (٦): ٢٥١٧ – ٢٥٢٩. Dec. ٢٠٢٠.
- Megahed, E. T., Abbas, E.M, El Nahas, A. F., Hemeda, S. A. ٢٠٢٠. Genetic variation of *Diplodus sargus* and *Diplodus vulgaris* in four Mediterranean coastal regions of Egypt based on microsatellites. Egyptian Journal of Aquatic Biology & Fisheries
- Elkhatatny, N.M., El-Nahas A. F., Helal, M.A., Fahmy, H.A.and Tanekhy, M. ٢٠٢٠. The impacts of seasonal variation on the immune status of Nile tilapia larvae and their response to different immunostimulants feed additives. Fish & Shellfish Immunology. ٩٦: ٢٧٠-٢٧٨.
- Elblehi S.S., El Euony O.I., El-Nahas A. F. ٢٠٢٠. Partial ameliorative effect of *Moringa* leaf ethanolic extract on the reproductive toxicity and the expression of steroidogenic genes induced by subchronic cadmium in male rats. Environmental Science and Pollution Research. Environ. Sci. Pollut. Res. ٢٦: ٢٣٣٠٦-٢٣٣١٨.
- A.A. A. El-Leithy,S. A. Hemeda, W.S. H. Abd El Naby,A. F. El Nahas, S. A. H. Hassan, S. T. Awad, S.I. El-Deeb, Z. A. Helmy. ٢٠٢٠. Optimum salinity for Nile tilapia (*Oreochromis niloticus*) growth and mRNA transcripts of ion-regulation, inflammatory, stress- and immune-related genes. Fish. Physiol. Biochem. (٢٠١٩) ٤٥: ١٢١٧-١٢٣٢

- Sedeik, M.E. El-shall, N. A., Awad, A.M. Abd-Elhamid, H.S., Ellakany, H. F., El-Nahas A. F. and Elfeil, W. K. ٢٠١٩. Identifying Intra-Specific Variability in the Virulence of *Eimeria tenella* Using SCAR Markers. International Journal of Poultry Science, ١٨: ١٥١-١٥٨.
- Shewita, R.S., El-Naggar, K., Abd El Naby, W.S.H. ٢٠١٩. Influence of dietary vitamin c supplementation on growth performance, blood biochemical parameters and transcript levels of heat shock proteins in high stocking density reared broiler chickens. Slovenian Veterinary Research. ٥٦, pp. ١٢٩-١٣٨
- El-Maddawy, Z.K., Abd El Naby, W.S.H.. ٢٠١٩. Protective effects of zinc oxide nanoparticles against doxorubicin induced testicular toxicity and DNA damage in male rats. Toxicology Research, ٢٠١٩, ٨(٥), pp. ٦٥٤-٦٦٢
- Hassaneen, NH., Hemedha, SA, El-Nahas, AF., Abd El Naby WSH. ٢٠١٩. Assessment of the Possible Protective Role of Olive oil on Iron sulfate induced Genotoxicity Using Chromosomal Aberration Assay and RAPD-PCR in Male Mice. Alex. J. Vet. Sci. ٥٩ (١). ١٥٧-١٦٩
- El Nahas, A.F., Belal, S.S., Mahmoud S., Helal, M.A., Yonis, A.E. ٢٠١٩. Survey on the Presence of the Mx and MHC Resistance Alleles to Avian Influenza Virus Infection Compared with its Outbreaks among Chicken Breeds in Egypt. Kafkas Univ. Vet. Fak. Derg. ٢٥ (١): ٩٩-١٠٤.
- El-Nahas, A. F., Basiony B, W. M., El-Kassas, S., Mahmoud, S. ٢٠١٨. Variation in the Genetic Effects of ABCG٢, Growth Hormone and Growth Hormone Receptor Gene Polymorphisms on Milk Production Traits in Egyptian Native, Holstein and Hybrid Cattle Populations. Pak Vet J, ٢٠١٨, ٣٨(٤): ٣٧١-٣٧٦.

- EL-Maddawy, Z.K., Abd El Naby, W.S.H. ٢٠١٨. Effects of ivermectin and its combination with alpha lipoic acid on expression of IGFBP-٣ and HSPA١ genes and male rat fertility. Andrologia, ٢٠١٨, ٥٠(٣), e١٢٨٩١
- Elmaghraby, M.M., El-Nahas, A.F., Fathala, M.M., Sahwan, F.M., Tag EL-Dien, M.A. ٢٠١٨. Association of Toll-like receptors ١ and ٧ polymorphism with clinical mastitis and production traits in Holstein cattle. Iranian journal of Veterinary Research. ١٩: ٢٠٢-٢٠٧.
- Abbas, EM., Megahed, ET., Hemeda SA., El-Nahas, AF. ٢٠١٨. DNA barcoding and molecular population structure of two species from genus Diplodus based on COI gene in the Egyptian Mediterranean Sea. International Journal of Fisheries and Aquatic Studies ٧(١): ٠١-٠٨.
- Khatab, S.A. Hemeda, S. A. El-Nahas, A. F., Abd El Naby, W. SH. ٢٠١٨. Polymorphisms of TLR٤ Gene and Its Association With Genetic Resistance to Salmonella Enteritidis Infection in Fayoumi Breed and Hy-line Strain in Egypt. Alex. J. Vet. Sci. ٢٠١٧; ٥٥(٢): ١-٩.
- Ammar, A., El Nahas, A.F., Mahmoud, S., Barakat, M. E., Hassan, A. M. ٢٠١٨. Characterization of Type IV Antifreeze Gene in Nile tilapia (*Oreochromis niloticus*) and influence of cold and hot weather on its expression and some immune related genes. Fish physiology and Biochemistry. Characterization of Type IV Antifreeze Gene in Nile tilapia (*Oreochromis niloticus*) and influence of cold and hot weather on its expression and some immune related genes. Fish physiology and Biochemistry
- Elmaghraby, M.M., El-Nahas, A.F., Fathala, M.M., Sahwan, F.M., EL-Dien, M.A. ٢٠١٧. Incidence of Clinical Mastitis and its Influence on Reproductive Performance of Dairy Cows. Alex. Journal of Veterinary Sciences ٢٠١٧; ٥٤(٢): ٨٤-٩.

- Heikal, H.S.M., Abd El Naby, W.S.H. ٢٠١٧. Genetic improvement of litter size in four goat breeds in Egypt using polymorphism in bone morphogenetic protein ١٥ gene. Advances in Animal and Veterinary Sciences. ٥(١٠), pp. ٤١٠-٤١٥
- Fergany, A.A.M., Hemeda, S, A., El-Nahas, A.F., Abd El Naby, W.S.H. ٢٠١٧. Polymorphism and expression of some myogenic genes at embryonic stage and ٣٧ days age of Cobb broilers chickens and their impact on the marketing weights. International Journal of Recent Scientific Research. International Journal of Recent Scientific Research. ٨ (٨). ١٩٤٣٥-١٩٤٤٠.
- Salah, A.S., El Nahas, A.F., Mahmoud, S. ٢٠١٧. Modulatory effect of different doses of β -١,٣/١,٦-glucan on the expression of antioxidant, inflammatory, stress and immune-related genes of *Oreochromis niloticus* challenged with *Streptococcus iniae*. Fish and Shellfish Immunology. ٧٠: ٢٠٤-٢١٣
- Hassan, A.M.,El Nahas, A.F.,Mahmoud, S.,Barakat, M.E.,Ammar, A.Y. ٢٠١٧. Thermal stress of ambient temperature modulate expression of stress and immune-related genes and DNA fragmentation in Nile tilapia (*Oreochromis niloticus* (Linnaeus, ١٧٥٨)). Applied Ecology and Environmental Research. ١٥(٣): ١٣٤٣-١٣٥٤.
- Abdo, S.E.,El-Kassas, S.,El-Nahas, A.F.,Mahmoud, S. ٢٠١٧. Modulatory Effect of Monochromatic Blue Light on Heat Stress Response in Commercial Broilers. Oxidative Medicine and Cellular Longevity. ID ١٣٥١٩٤٥, ١٣ pages.
- Ghazy, H.A.,Abdel-Razek, M.A.S.,El Nahas, A.F., Mahmoud, S. ٢٠١٧Assessment of complex water pollution with heavy metals and Pyrethroid pesticides on transcript levels of metallothionein and immune related genes. Fish and Shellfish Immunology. ٦٨: ٣١٨-٣٢٦.

- Abo-Al-Ela, H.G., El-Nahas, A.F., Mahmoud, S., Ibrahim, E.M. ٢٠١٧. Vitamin C Modulates the Immunotoxic Effect of ١٧α-Methyltestosterone in Nile Tilapia. *Biochemistry*. ٥٦: ٢٠٤٢–٢٠٥٠.
- Abd El Naby, W.S.H., Basha, H.A. ٢٠١٧. Expression of melatonin receptor subtype genes and its impact on reproductive traits in Japanese Quail in different lighting systems. *Avian Biology Research*, ٢٠١٦, ٩(٤), pp. ٢٥٠–٢٥٦
- Abo-Al-Ela, H.G., El-Nahas, A.F., Mahmoud, S., Ibrahim, E.M. ٢٠١٧. The extent to which immunity, apoptosis and detoxification gene expression interact with ١٧ alpha-methyltestosterone. *Fish and Shellfish Immunology*. ٦٠: ٢٨٩– ٢٩٨
- El Nahas, A.F., Abdel-Razek, M.A.S., Helmy, N.M., Mahmoud, S., Ghazy, H.A. ٢٠١٧. Impaired antioxidant gene expression by pesticide residues and its relation with other cellular biomarkers in Nile Tilapia (*Oreochromis niloticus*) from Lake Burullus. *Ecotoxicology and Environmental Safety*. ١٣٧: ٢٠٢-٢٠٩
- Elbialy, Z.I, El-Nahas, A.F., Elkhatatny NA, Ammar AY. ٢٠١٧. Quantitative Expression Analysis of Myostatin Gene in Nile Tilapia (*Oreochromis niloticus*) Tissues in Adult Stage. *Alex. J. Vet. Sci.* ٥١(١): ١٧٠-١٧٣.
- El-Sayed, Y. S., El-Gazzar, A. M., El-Nahas, A.F., Ashry, K. M. ٢٠١٧. Vitamin C modulates cadmium-induced hepatic antioxidants'gene transcripts and toxicopathic changes in Nile tilapia, *Oreochromis niloticus*. *Environ. Sci .Pollut. Res.* ٢٠١٦ Jan; ٢٣ (٢): ١٦٦٤-١٦٧٠.
- Basha, H.A., Abd El Naby, W.S.H., Heikal, H.S.M. ٢٠١٦. Genetic diversity and phylogenetic relationship among three duck breeds and geese using RAPD markers. *Advances in Animal and Veterinary Sciences*, ٢٠١٦, ٤(٩), pp. ٤٦٢–٤٦٧

- El-Nahas A. F. ٢٠١٥. Cytogenetic Evaluation of Hormonally Sex-Reverse *Oreochromis niloticus* Following Hormone Cessation in the Absence and Presence of Heat Stress. *Global Veterinaria* ١٤ (٤): ٥٣٩-٥٤٠.
- Mohamed, O.I., El-Nahas, A. F., El-Sayed, Y. S., Ashry, K. M. ٢٠١٦. Ginger extract modulates Pb-induced hepatic oxidative stress and expression of antioxidant gene transcripts in rat liver. *Pharmaceutical Biology*. ٥٤:٧, ١١٦٤-١١٧٢
- Abd El Naby WSH, Nasr SM, Shourbela RM. (٢٠١٥): Genetic Variation among Four Species of Tilapia and Their Hybrid in Egypt Using Random Amplified Polymorphic DNA (RAPD) Analysis. *Alexandria Journal of Veterinary Sciences*, ٤٧: ٢٠١-٢٠٨
- Sahwan, FM., El-Sheik, A. I. Sharaf, M.M and El-Nahas. A.F. ٢٠١٤. Genetic Polymorphism in Growth hormone receptor Gene and its Relationship with Growth Trait in Pure and Hybrid Rabbit Breeds. *Alexandria Journal of Veterinary Sciences*, ٤٣ (١), ٤٥-٥١.
- Khatab, S. A., Hemeda, S. A., El-Nahas, A.F. and Abd El Naby. Abd El Naby, W.S.H. ٢٠١٦. "Genetic Polymorphism in IGF-II Gene and Its Relationship with Growth Rate in Tilapia Nilotica." *Alexandria Journal of Veterinary Sciences* ٢٠١٤. ٤٣: ٢٦-٣٢.
- Aboukila, R. S., Hemeda, S.A., El-Nahas. A. F. ٢٠١٤. Cytogenetic Study on the Effect of Bentazon and Glyphosate Herbicide on Mice. *Alexandria Journal of Veterinary Sciences*, ٤١ (١), ٩٥-١٠١
- Abo-Al-Ela, H.G., Abu El-Magd, M. A., El-Nahas, A. F., Mansour, A. A. ٢٠١٤. Association of a novel SNP in exon ١٠ of the IGF٢ gene with growth traits in Egyptian water buffalo (*Bubalus bubalis*). *Trop. Anim. Health Prod.* ٤٦:٩٤٧-٩٥٢
- El-Magd, M. A., Abo-Al-Ela, H.G, El-Nahas, A. F., Saleh, A. A. and Mansour, A.A. ٢٠١٤. Effects of a novel SNP of IGF٢R gene on growth traits and expression rate. *Gene*, ٥٤٠: ١٣٣-١٣٩

- El-Magd, M. A., Abo-Al-Ela, H. G., El-Nahas, A.F., Mansour, A. A. ٢٠١٤. SNPs of the MyoD and MyoG genes and their association with growth traits in Egyptian water buffalo (*Bubalus bubalis*). Indian J. Applied Res. ٣:٣٤-٤٠.
- Awad, A.M., El- Nahas, A.F., Abu-Akkada, S.S. ٢٠١٣. Evaluation of the protective efficacy of the anticoccidial vaccine Coccivac-B in broilers, when challenged with Egyptian field isolates of *E. tenella*. Parasitol. Res. ١١٢:١١٣-١٢١
- Abdel-Rahman S.M, El-Nahas A.F., Hemeda S.A., Nasr S.M. ٢٠١٣. Correlation between growth hormone gene polymorphisms and milk production trait in Holstein cattle. Applied Cell Biology. ٢(٤), ١٤٩-١٥٢
- Essa, B.H., El-Nahas, A.F., Mahrous, EL-Tahawy, A.S. ٢٠١٣. Genotoxicity of Ivermectin (P-gp substrate) and/or Erythromycin (Pgp-inhibitor) as a Model of Drug- Drug Interaction Alexandria Journal of Veterinary Sciences. ٣٨ (١): ٢٣-٣٢.
- El- Nahas, A. F. Awad A. M. and Abu-Akkada. S.S. ٢٠١٣. Genetic Variation among Five Egyptian Field Isolates of *Eimeria tenella* Detected by Random Amplified Polymorphic DNA Assay. Global Veterinaria, ٧ (٣): ٢٥٦-٢٦٣
- El-Nahas, A.F., Mohamed, A. A. A, Zweel, H.H and El-Ashmawy, I.M. ٢٠١١. Hepatorenal and genotoxic effects of genetically modified quail meat in a ٩٠-day dietary toxicity study in mice. International Food Research Journal. ١٨(٤): ١٣١٣-١٣١٩.
- El-Ashmawy, I. M. El-Nahas, A. F., Bayad, A. E. ٢٠١١. Teratogenic and cytogenetic effects of ivermectin and its interaction with P-glycoprotein inhibitor. Res. Vet. Sci. ٩٠, ١١٦-١٢٣.

- Abdel-rahman, S. M., El-Nahas, A. F., Hemed, S. A., El-fiky, S. A., Nasr, S. M. ٢٠١٠. Genetic Variability among Four Egyptian Sheep Breeds Using Random Amplified Polymorphic DNA (RAPD) and PCR-RFLP Techniques. *J. Applied Sci. Res.* ٧(١): ١-٥.
- El-Nahas, A.F, El-Ashmawy I.M. ٢٠٠٨. Effect of Ivermectin on Male Fertility and its Interaction with P-glycoprotein Inhibitor (Verapamil) in Rats. *Environmental Toxicology and Pharmacology*. ٢٦, ٢٠٦-٢١١
- El-Ashmawy, I.M., El-Nahas, A.F, Salama, O.M. ٢٠٠٧. Grape Seed Extract Prevents Gentamicin-Induced Nephrotoxicity and Genotoxicity in Bone Marrow cells of Mice. *Basic & Clinical Pharmacology & Toxicology* ٩٩: ٢٣٠-٢٣٦
- Karawya, F. S. and El-Nahas, A. F. ٢٠٠٦. The protective effect of vitamin C on Azathioprine induced seminiferous tubular structural changes and cytogenetic Toxicity in albino rats. *Cancer Therapy* ٤: ١٢٥-١٣٤
- El-Ashmawy, I.M., Ashry, K.M., El-Nahas, A.F., Salama, O.M. ٢٠٠٦ The Protection by Turmeric and Myrrh Against Liver Oxidative Damage and Genotoxicity-Induced by Lead Acetate in Mice. *Basic and Clinical Pharmacology and Toxicology* ٩٨: ٣٢-٣٧.
- El-Nahas, A.F., El-Ashmawy, I.M. ٢٠٠٤. Reproductive and cytogenetic toxicity of metronidazole in male mice. *Basic & Clinical Pharmacology & Toxicology* May; ٩٤ (٥): ٢٢٦-٣٢١
- El-Nahas A. F., El-AshmawyI. M. ٢٠٠٢. Protective Effect of Nigella Sativa Oil on Malathion and Dimethoate Toxicity in Male Mice. Published in ٢nd Scientific Conference of Alexandria Veterinary Medicine

Faculty of Dentistry

- Elhamouly Y, El Backly RM, Talaat DM, Omar SS, El Tantawi M, Dowidar KM. Tailored γ -S γ -C Bioactive glass induces severe inflammation as pulpotomy agent in primary teeth: an interim analysis of a randomised controlled trial. *Clinical Oral Investigations*. 2021 Jan 7;1-7.
- El Nawam H, El Backly R, Zaky A, Abdallah A. Low-level laser therapy affects dentinogenesis and angiogenesis of in vitro 3D cultures of dentin-pulp complex. *Lasers Med Sci*. 2019 Oct;34(8):1689-1698.
- Reem Sadek, Sybel Moussa, Rania El Backly, Abdel fattah Hammouda. Evaluation of the efficacy of three antimicrobial agents used for regenerative endodontics (in vitro study). *Microbial drug resistance*. 2019; 20 (5), 761-771.
- Nada O., El Backly RM. Stem cells from the apical papilla (SCAP) as a tool for endogenous tissue regeneration. *Front Bioeng Biotechnol*. 24 July 2018 <https://doi.org/10.3389/fbioe.2018.00103>. Review.
- Marei MK, El Backly RM. Dental Mesenchymal Stem Cell-Based Translational Regenerative Dentistry: From Artificial to Biological Replacement. *Front Bioeng Biotechnol*. 2018 May 2;6:49. doi: 10.3389/fbioe.2018.00049. eCollection 2018. Review.
- Asmaa M. Abdel-Aziz, Rania M. El Backly, Nahla A. Taha, Azza El-Maghraby, Sherif H. Kandil. Preparation and Characterization of Carbon Nanofibrous/ Hydroxyapatite Sheets for Bone Tissue Engineering. *Materials Science and Engineering C*. Volume 76, 1 July 2017, Pages 1188–1190.
- Todeschi MR, El Backly RM, Varghese OP, Hilborn J, Cancedda R, Mastrogiacomo M. Host cell recruitment patterns by bone morphogenetic protein-2 releasing hyaluronic acid hydrogels in a mouse subcutaneous environment. *Regen Med*. 2017 Jul;12(5):525-539. doi: 10.2211/rme-2017-0023.
- Rania M. El Backly and Mona K. Marei. Dental Pulp Stem Cells in Tissue Engineering and Regenerative Medicine: Opportunities for Translational Research. In: Advances in Stem Cell Therapy: Bench to Bedside; edited by Nagwa El-Badri, Humana press, Springer, Due: November 9, 2017.

- Recruitment of Circulating CD³⁴⁺ Stem Cells Following Endodontic Periapical Surgery. S. Genena, R. M. El Backly, A. El Hadidi, A. Zaazou, A. Abdallah, abstract # 2473769. *J Dent Res*, 90(Special issue B), 2016. (www.iadr.org).
- N. El Shazley, A. Hamdy, H.A. El-Eneen, R.M. El Backly, M.M. Saad, W. Essam, H. Moussa, M. El Tantawi, H. Jain, and M.K. Marei. Bioglass in Alveolar Bone Regeneration in Orthodontic Patients: Randomized Controlled Clinical Trial. *JDR Clinical & Translational Research*, October 2016; vol. 1, 3: pp. 244-250, first published on August 1, 2016.
- Todeschi MR, El Backly R, Capelli C, Daga A, Patrone E, Introna M, Cancedda R, Mastrogiacomo M. Transplanted Umbilical Cord Mesenchymal Stem Cells Modify the In Vivo Microenvironment Enhancing Angiogenesis and Leading to Bone Regeneration. *Stem Cells Dev*. 2010 Jul 1; 19(13):1070-81.
- MR Todeschi, R El Backly, A Papait, R Cancedda and M Mastrogiacomo. A PRP based periosteal substitute creates a proinflammatory and angiogenic environment favourable for bone regeneration. *J Tissue Eng Regen Med* 2014; 5 (Suppl. 1): 271.
- RM El Backly, MM Saad, SR Nouh and MK Marei. Dentin/pulp tissue regeneration using extracellular matrix-derived scaffolds. *J Tissue Eng Regen Med* 2014; 5 (Suppl. 1): 428.
- Mona K. Marei , Naglaa B. Nagy, Mona M. Saad, Samer H. Zaky, Rania M. El backly, Ahmad M. Eweida, and Mohamed A. Alkhodary. Strategy For A Biomimetic Paradigm In Dental And Craniofacial Tissue Engineering, In: Biomimetics: Advancing Nanobiomaterials and Tissue Engineering. (Book Chapter: 2013).
- Rania M. El Backly, Maddalena Mastrogiacomo and Ranieri Cancedda. Bone Regeneration and Bioengineering. In: Regenerative Medicine Technology as Applied to Organ Transplantation. Editors: Giuseppe Orlando, Jan Lerut, and Robert J. Stratta. Published by Elsevier, 2014.

- RM El Backly, SH Zaky, B Canciani, MM Saad, AM Eweida, F Brun, G Tromba, VS Komlev, M Mastrogiacomo, MK Marei, and R Cancedda. Platelet Rich Plasma Enhances Osteoconductive Properties of a Hydroxyapatite- β -Tricalcium Phosphate Scaffold (Skelitetm) in Critical Size Rabbit Calvarial Defects. *J Craniomaxillofac Surg.* 2014 Jul; 42(5):e70-79.
- El Backly, R.M., Zaky, S.H., Muraglia, A., Tonachini, L., Brun, F., Canciani, B., Chiapale, D., Santolini, F., Cancedda, R., and Mastrogiacomo, M. A Platelet Rich Plasma (PRP) Based Membrane as a Periosteal Substitute with Enhanced Osteogenic and Angiogenic Properties: a New Concept for Bone Repair. *Tissue Eng Part A.* 2013 Jan; 19(1-2):102-110.
- Marei KM, AlKodary MA, El Backly RM, Zaky SH, Eweida AM, Gad MA, Abdel-Wahed N, Kadah YM : Principles, applications and technology of craniofacial bone tissue engineering. In : Integrated biomaterials for medical application. Edition Ramalingam M, Tiwari A, Ramkrishna S, et al VBRI press 2012 .
- Chen J, Bly RA, El-Backly RM, Saad MM, Alkodary MA, Fata MM, Moore WA, Arnold CB, Marei MK, Soboyejo WO: In-vivo study of adhesion and bone growth around implanted laser groove/RGD-functionalized Ti-7Al-4V pins in rabbit femurs. Materials science and engineering C. 2011, 31: 826-832.
- ElBackly RE, Ulivi V, Tonachini L, Cancedda R, Descalzi F, Mastrogiacomo M. Platelet lysate induces in vitro wound healing of human keratinocytes associated with a strong proinflammatory response. *Tissue Eng Part A.* 2011, Jul; 17(13-14):1787-1797. PMID: 2138008.
- ElBackly RM, Cancedda R. Bone Marrow Stem Cells in Clinical Application: Harnessing Paracrine Roles and Niche Mechanisms. *Adv Biochem Eng Biotechnol.* 2010 Aug 27. [Epub ahead of print] PubMed PMID: 20803140.
- Marei MK, Saad MM, El-Ashwah AM, El-Backly RM, Al-Khodary MA. Experimental formation of periodontal structure around titanium implants utilizing bone marrow mesenchymal stem cells: a pilot study. *J Oral Implantol.* 2009; 35(3):106-119. PubMed PMID: 19079023.

- El-Backly RM, Massoud AG, El-Badry AM, Sherif RA, Marei MK. Regeneration of dentine/pulp-like tissue using a dental pulp stem cell/poly(lactic-co-glycolic) acid scaffold construct in New Zealand white rabbits. *Aust Endod J.* 2008 Aug;34(2):52-67. PubMed PMID: 18666990.
- Ahmed Abd El-Fattah , Mohamad Nageeb Hassan , Ahmad Rashad , Mona Marei & Sherif Kandil (٢٠٢٠): Viscoelasticity, mechanical properties, and in vivo biocompatibility of injectable polyvinyl alcohol/bioactive glass composite hydrogels as potential bone tissue scaffolds, *International Journal of Polymer Analysis and Characterization*, DOI: 10.1080/1023666X.2020.1790203.
- Elshazly N, Khalil A, Saad M, Patruno M, Chakraborty J, Marei M. Efficacy of Bioactive Glass Nanofibers Tested for Oral Mucosal Regeneration in Rabbits with Induced Diabetes. *Materials (Basel)*. 2020 Jun 7;13(11):2603. doi: 10.3390/ma13112603.
- Marei, M. K., Nouh, S. R., Saad, M. M., & Ismail, N. S. (2009). Preservation and regeneration of alveolar bone by tissue-engineered implants. *Tissue engineering*, 11(5-6), 751-767.
- Wang, S., Kowal, T. J., Marei, M. K., Falk, M. M., & Jain, H. (2013). Nanoporosity significantly enhances the biological performance of engineered glass tissue scaffolds. *Tissue Engineering Part A*, 19(13-14), 1632-1640.
- Nageeb, M., Nouh, S. R., Bergman, K., Nagy, N. B., Khamis, D., Kisiel, M., ... & Marei, M. K. (2012). Bone engineering by biomimetic injectable hydrogel. *Molecular Crystals and Liquid Crystals*, 550(1), 177-188.
- Eweida, A., Saad, M., Gabr, E., Marei, M., & Khalil, M. R. (2011). Cultured keratinocytes on urinary bladder matrix scaffolds increase angiogenesis and help in rapid healing of wounds. *Advances in skin & wound care*, 24(6), 268-273.
- Marei, M. K., Nouh, S. R., Fata, M. M., & Faramawy, A. M. (2003). Fabrication of polymer root form scaffolds to be utilized for alveolar bone regeneration. *tissue engineering*, 9(4), 713-721.

- Wasel, O. G., Badria, A. F., Mohamed, A. A., & Marei, M. K. (٢٠١٣). Hepatogenic differentiation of rabbit bm-msc using noncoated flask. *Electronic Journal of Biology*, ٩(١), ١-٧.
- Fathi, I., Elhammady, H., Sakr, M., Nabawi, A., & Marei, M. (٢٠١٥). Rapid hepatic perfusion decellularization: technique and critique. *Xenotransplantation*, ٢٢(٦), ٤٥١-٤٥٧
- Mohamed, Abdelaziz A., Manal M. Saad, Sherif H. Abdeen, and Mona K. Marei. "Generation of insulin producing cells using mesenchymal stem cells derived from bone marrow of New-Zealand white rabbits." *Canadian Journal of Clinical Nutrition* (٢٠١٣).
- Otify, Dina Y., EmanA Youssef, Naglaa B. Nagy, Mona K. Marei, and Magda I. Youssif. "Transdifferentiation of bone marrow mesenchymal stem cells into neural cells via cerebrospinal fluid." *Biomed Biotechnol* ٢, no. ٤ (٢٠١٤): ٦٦-٧٩.
- Moussa, R. M., Yassin, H. H., Saad, M. M., Nagy, N. B., & Marei, M. K. (٢٠١٥). Periodontal Tissue Engineering Around Dental Implants. In *Stem Cell Biology and Tissue Engineering in Dental Sciences* (pp. ٧٦٥-٧٧٤). Academic Press.
- Wang S, Falk MM, Rashad A, Saad MM, Marques AC, Almeida RM, Marei MK, Jain H. Evaluation of ٣D nano-macro porous bioactive glass scaffold for hard tissue engineering. *J Mater Sci Mater Med*. ٢٠١١ May; ٢٢(٥): ١١٩٥-٢٠٣. doi: 10.1007/s1080٦-٠١١-٤٢٩٧-٤.
- Radwa, A. M., Nihal, M. H., Gihan, M. S., Mohamed, S., Magda, M. E., & Mona, K. M. (٢٠١٢). Transplantation of human umbilical cord blood stem cells in rabbits' fibrotic liver. *Journal of American Science*, ٨, ٨٣-٩٤.
- Yasser S, Nagy N, Marei MK. In Vitro Characterization of Stem Cells from Human Exfoliated Deciduous Teeth (SHED). *Maced J Med Sci*. ٢٠١٢ Dec ١٥; ٥(٤): ٣٨٩-٣٩٦. <http://dx.doi.org/10.3889/MJMS.1>
- Otify, D. Y., Youssef, E., Nagy, N. B., Marei, M. K., & Youssif, M. I. (٢٠١٤). Transdifferentiation of bone marrow mesenchymal stem cells into neural cells via cerebrospinal fluid. *Biomed Biotechnol*, ٢(٤), ٦٦-٧٩.

- Fliefel R, El Ashwah A, Entekhabi S, Kumbrink J, Ehrenfeld M, Otto S. Bifunctional effect of Zoledronic Acid (ZA) on human mesenchymal stem cells (hMSCs) based on the concentration level. *J Stomatol Oral Maxillofac Surg.* 2020 Dec;121(6):634-641. doi: 10.1016/j.jormas.2020.03.004.
- Probst FA, Fliefel R, Burian E, Probst M, Eddicks M, Cornelsen M, Riedl C, Seitz H, Aszódi A, Schieker M, Otto S. Bone regeneration of minipig mandibular defect by adipose derived mesenchymal stem cells seeded tri-calcium phosphate- poly(D,L-lactide-co-glycolide) scaffolds. *Sci Rep.* 2020 Feb 6;10(1):2062.
- Fliefel RM, Entekhabi SA, Ehrenfeld M, Otto S. Geranylgeraniol (GGOH) as a Mevalonate Pathway Activator in the Rescue of Bone Cells Treated with Zoledronic Acid: An In Vitro Study. *Stem Cells Int.* 2019 Jan 9;2019:4301327.
- Fliefel R, Ehrenfeld M, Otto S. Induced pluripotent stem cells (iPSCs) as a new source of bone in reconstructive surgery: A systematic review and meta-analysis of preclinical studies. *J Tissue Eng Regen Med.* 2018 Jul;12(7):1780-1797.
- Panya S, Fliefel R, Probst F, Tröltzscher M, Ehrenfeld M, Schubert S, Otto S. Role of microbiological culture and polymerase chain reaction (PCR) of actinomyces in medication-related osteonecrosis of the jaw (MRONJ). *J Craniomaxillofac Surg.* 2017 Mar;45(3):307-313.
- Fliefel R, Kühnisch J, Ehrenfeld M, Otto S. Gene Therapy for Bone Defects in Oral and Maxillofacial Surgery: A Systematic Review and Meta-Analysis of Animal Studies. *Stem Cells Dev.* 2017 Feb 10;26(4):210-230.
- Fliefel R, Popov C, Tröltzscher M, Kühnisch J, Ehrenfeld M, Otto S. Mesenchymal stem cell proliferation and mineralization but not osteogenic differentiation are strongly affected by extracellular pH. *J Craniomaxillofac Surg.* 2016 Jun;44(6):710-24.
- Madi M, Alagl AS. The Effect of Different Implant Surfaces and Photodynamic Therapy on Periodontopathic Bacteria Using TaqMan PCR Assay following Peri-Implantitis Treatment in Dog Model. *Biomed Res Int.* 2018 Jul 4;2018:7070100.

- Abolgheit S, Abdelkader S, Aboushelib M, Omar E, Mehanna R. Bone marrow-derived mesenchymal stem cells and extracellular vesicles enriched collagen chitosan scaffold in skin wound healing (a rat model). *J Biomater Appl.* ٢٠٢١ Jul;٣٦(١):١٢٨-١٣٩.
- Shama, M. M., Aboukhadr, M., Madi, M., & Abdelhady, S. (٢٠١٦). COMPARISON BETWEEN LEVEL OF INTEREUKIN ١٠ IN THE GINGIVAL Crevicular FLUID AND PERI-IMPLANT SULCULAR FLUID AROUND HEALTHY DENTAL IMPLANTS (SPLIT MOUTH STUDY). *Alexandria Dental Journal*, ٤١(١), ٢٦-٣٠.
- Abdel Hamid HM, Darwish ZE, Elsheikh SM, Mourad GM, Donia HM, Afifi MM. Following cytotoxic nanoconjugates from injection to halting the cell cycle machinery and its therapeutic implications in oral cancer. *BMC Cancer.* ٢٠٢١ Feb ١٧;٢١(١):١٧٠.
- Youssef, E. A., Raslan, H. S., El-Sheikh, S. M., Riad, S. E., Mehanna, R. A., & Afifi, M. M. (٢٠٢٠). EXPRESSION OF TLR٧ IN ORAL SQUAMOUS CELL CARCINOMA AND ITS CORRELATION WITH LYMPH NODE METASTASIS (AN IMMUNO-HISTOCHEMICAL STUDY). *Alexandria Dental Journal*, ٤٥(١), ٨٨-٩٢.
- Afifi MM, Elnouaem MI, Omar EM, El-Komary I. Oral and Extraoral Intermediate Tumors: Are MMP-٩ and Ki-٦٧ Biomarkers Correlated to Their High Recurrence Rates? *Appl Immunohistochem Mol Morphol.* ٢٠٢٠ Mar;٢٨(٣):٢٢٩-٢٣٦.
- Kang B, Afifi MM, Austin LA, El-Sayed MA. Exploiting the nanoparticle plasmon effect: observing drug delivery dynamics in single cells via Raman/fluorescence imaging spectroscopy. *ACS Nano.* ٢٠١٣ Aug ٢٧;٧(٨):٧٤٢٠-٧.
- Afifi MM, Austin LA, Mackey MA, El-Sayed MA. XAV٩٣٩: from a small inhibitor to a potent drug bioconjugate when delivered by gold nanoparticles. *Bioconjug Chem.* ٢٠١٤ Feb ١٩;٢٥(٢):٢٠٧-٢١٥.
- Youssef, H. A., Omar, T. A., Fouad, H. A., El-Sheikh, S. M., El Achy, S., & Afifi, M. M. (٢٠١٨). EXPRESSION OF TLR٤ IN ORAL SQUAMOUS CELL CARCINOMA AND ITS CORRELATION WITH LYMPH NODE METASTASIS (An Immunohistochemical Study). *Alexandria Dental Journal*, ٤٣(٣), ٦٥-٦٩.

- El-Bahey, N. G., Omar, T. A., Fouad, H. A., ElSheikh, S. M., Mehanna, R. A., & Afifi, M. M. (٢٠١٨). A COMPARATIVE STUDY OF TLR^V EXPRESSION IN DIFFERENT HISTOLOGICAL GRADES OF ORAL SQUAMOUS CELL CARCINOMA (An Immunohistochemical Study). *Alexandria Dental Journal*, ٤٣(٣), ٧٠-٧٥.
- Emam SM, Amin AK, Issa NM, El-Attar MS: A Genetic Association Study of a Specific Gene and Severe Form of Resorption in the Edentulous Mandible in the Egyptian Population. *Journal of Prosthodontics* ٢٠١٩; ٢٨:٤٠٩-٤١٥.
- Yasser Attey Mohamed : Biochemical And Radiological Evaluation Of The Effect Of Platelet Rich-Plasma Gel Application Around Immediately Loaded Dental Implants In Mandibular Overdenture Cases- ٢٠٠٧
- Mohamed Anwar Abd Elhaleem : Clinical And Cytological Study Of The Effect Of Liquid-Supported Denture Versus Resilient Lined Denture In Management Of Acutely Abused Denture Supporting Tissues. ٢٠١١
- Mona Sabry Mostafa: The Value Of Addition Of The Titanium Dioxide Nanoparticles For Reinforcement Of Silicone Elastomer Material. ٢٠١١
- Sherry Adel Fouad: Clinical, Radiographic And Cytological Evaluation Of Residual Ridge Resorption Under Rigid And Flexible Immediate Partial Dentures ٢٠١٢
- Riham Adel Tork: The Antimicrobial Effect Of Silver Zeolite Incorporated In Tissue Conditioners For The Treatment Of Denture Stomatitis. ٢٠١٢
- Ghada Tawfeek Gaber: The Efficacy Of Microwave Disinfection On Different Cast Materials (Microbiological And Laboratory Study). ٢٠١٢
- Hisham El-Sayed Abdel Motaal ; Effect Of Glow-Discharge And Di-Electric Barrier Discharge Plasma As A Surface Treatment Process On Repaired Acrylic Denture Base Resin. ٢٠١٤

Faculty of Pharmacy

- Design, Synthesis, and Anticancer Screening for Repurposed Pyrazolo[3,4-d]pyrimidine Derivatives on Four Mammalian Cancer Cell Lines. Othman EM, Bekhit AA, Anany MA, Dandekar T, Ragab HM, Wahid A. *Molecules*. 2021 May 16;26(10):2961. doi: 10.3390/molecules26102961.
- Impact of IL-27p28 (rs103109) and TNF- α (rs1800629) Genetic Polymorphisms on the Progression of HCV Infection in Egyptian Patients. Tharwat E, Gad GFM, Nazmy MH, Mohamed HI, Hamza N, Wahid A, Ibrahim ARN. *Immunol Invest*. 2019 Apr;48(3):200-217. doi: 10.1080/08820139.2018.1010908. Epub 2018 Sep 11.
- RNA protein kinase SNP at -226 C<T is a biomarker for the clearance of HCV among Egyptian patients. Ahmed Wahid, Mustafa A. Hamzawy, Mohamad M. A. Khalifa, Gamal F. M. Fadl, Amany Bekhit, and Sayed F. Abdel Wahab. *Immunol Invest*. 2019 Apr;48(3):211-221. doi: 10.1080/08820139.2018.1493496. Epub 2018 Aug 7.
- Two novel SNPs in the Promoter region of PKR gene in Egyptian Hepatitis C Patients and their impact on disease outcome and response to treatment. Dina El-Dahshan, Doaa Bahy, Wahid A, Amr E. Ahmed, and Amro Hanora. *Arab J Gastroenterol*. 2018 Sep;19(3):107-110. doi: 10.1016/j.ajg.2018.06.002. Epub 2018 Sep 20.
- MBOAT γ rs641738 increases risk of liver inflammation and transition to fibrosis in chronic hepatitis C. Thabet K, Asimakopoulos A, Shojaei M, Romero-Gomez M, Mangia A, Irving WL, Berg T, Dore GJ, Grønbæk H, Sheridan D, Abate ML, Bugianesi E, Weltman M, Mollison L, Cheng W, Riordan S, Fischer J, Spengler U, Nattermann J, Ahmed Wahid, Rojas A, White R, Douglas MW, McLeod D, Powell E, Liddle C, van der Poorten D, George J, Eslam M; International Liver Disease Genetics Consortium. *Nat Commun*. 2016 Sep 10;7:12707. doi: 10.1038/ncomms12707.
- Serum serotonin as unexpected potential marker for staging of experimental hepatocellular carcinoma. Abdel-Hamid NM, Shehata DE, Abdel-Ghany AA, Ragaa A, Ahmed Wahid. *Biomed Pharmacother*. 2016 Jul 14;83:407-411. doi: 10.1016/j.biopha.2016.07.005.

- Exploration of acetanilide derivatives of 1-(ω -phenoxyalkyl)uracils as novel inhibitors of Hepatitis C Virus replication. Magri A, Ozerov AA, Tunitskaya VL, Valuev-Elliston VT, Ahmed Wahid, Pirisi M, Simmonds P, Ivanov AV, Novikov MS, Patel AH. *Sci Rep.* 2016 Jul 12;6:29487.
- Association of Interleukin-27.rs 103109 Single Nucleotide Polymorphism with Spontaneous Resolution of Hepatitis C Virus - Genotype 4a Infection in Egyptian Patients versus persistence of chronic liver infection. Mariam M. Fawzy, Ahmed Wahid, Maiiada H. Nazmy, Mohamed Hashem, Imam Waked, Sayed F. Abdelwahab. *APJCP.* 2016, 17(4) 2093-2097.
- Jerusalem Artichoke in combination with Pegylated Interferon Alfa-2a and Ribavirin reverse hepatic fibrosis in rats through inhibition of the p53, BAX, and TGF- β protein expression levels. Nabil Mohie Abdel-Hamid, Ahmed Wahid, Maiiada Hassan Nazmy, and Marwa Abdel-Moniem Eisa. *APJCP.* 2016, 17(4) 1979-1980.
- Monoclonal antibodies: Principles and applications of immunodiagnosis and immunotherapy for hepatitis C virus. Tabll A, Abbas AT, El-Kafrawy S, Ahmed Wahid. *World J Hepatol.* 2010 Oct 8; 2(2): 2369-83.
- Additional glycosylation within a specific hypervariable region of subtype 1a of hepatitis C virus protects against virus neutralization. Sadia Anjum#, Ahmed Wahid#, Muhammad Sohail Afzal, Anna Albecka, Khaled Alsaleh, Tahir Ahmed, Thomas F. Baumert, Czeslaw Wychowski, François Penin, Jean Dubuisson. *Journal of infectious diseases. J. Infect Dis.* 2013 Dec; 208(11):1888-97. doi: 10.1093/infdis/jit376. Epub 2013 Aug 1. # Both authors contributed equally to this work.
- Virus-neutralizing antibodies to hepatitis C virus. Ahmed Wahid, Dubuisson J. *J Viral Hepat.* 2013 Jun; 20(6):369-76. doi: 10.1111/jvh.12094. Epub 2013 Apr 4.
- The antimalarial ferroquine is an inhibitor of hepatitis C virus. Vausselin T, Calland N, Belouard S, Descamps V, Douam F, Helle F, François C, Lavillette D, Duverlie G, Ahmed Wahid, Fénéant L, Cocquerel L, Guérardel Y, Wychowski C, Biot C, Dubuisson. *Hepatology.* 2013 Jul; 58(1):86-97. doi: 10.1002/hep.26273. Epub 2013 May 14.

- Disulfide bonds in hepatitis C virus glycoprotein e¹ control the assembly and entry functions of e² glycoprotein. Ahmed Wahid, Helle F, Descamps V, Duverlie G, Penin F, Dubuisson J. *J Virol.* 2013 Feb; 87(3):1605-17. doi: 10.1128/JVI.02609-12. Epub 2012 Nov 21.
- A survey on herbal management of hepatocellular carcinoma. Abdel-Hamid NM, Nazmy MH, Ahmed Wahid, Fawzy MA, Youssouf M. *World J Hepatol.* 2011 Jul 27; 3(7):170-83.
- Inhibition of PKR by Adenovirus-Associated RNA I. Katherine Launer-Felty, C. Jason Wong, Ahmed Wahid, Graeme L. Conn and James L. Cole. *Biophysical Journal* 2011; 100(3). 232a-233a.
- Magnesium-Dependent Interaction of PKR with Adenovirus VAI RNA. Katherine Launer-Felty, C. Jason Wong, Ahmed Wahid, Graeme L. Conn and James L. Cole. *J Mol Biol.* 2010 Oct 1; 402(4): 638-44.
- The PKR-binding domain of adenovirus VA RNAI exists as a mixture of two functionally non-equivalent structures. Ahmed Wahid, Coventry VK, Conn GL. *Nucleic Acids Res.* 2009 Sep; 37(17): 5830-7.
- Systematic deletion of the Adenovirus-associated RNAI terminal stem reveals a surprisingly active RNA inhibitor of double-stranded RNA-activated protein kinase. Ahmed Wahid, Coventry VK, Conn GL. *J Biol Chem.* 2008 Jun 20; 283(25): 17480-93.
- Recombinant expression of the alternate reading frame protein (ARFP) of Hepatitis C virus genotype 4a (HCV-4a) and detection of ARFP and anti-ARFP antibodies in HCV-infected patients. Shehat MG, Bahey-El-Din M, Kassem MA, Farghaly FA, Abdul-Rahman MH, Fanaki NH. *Archives of virology* 2010; 160: 1939-1952.
- Multienvironment genomic variance decomposition analysis of open-pollinated Interior spruce (Picea glauca x engelmannii). Mol Breed. 2018; 38(3): 26. doi: 10.1007/s11032-018-0784-3. Epub 2018 Feb 10. Omnia Gamal El-Dien, Blaise Ratcliffe, Jaroslav Klápstě, Ilga Porth, Charles Chen, Yousry A El-Kassaby

- Discovery of an antivirulence compound that reverses β -lactam resistance in MRSA. *Nat Chem Biol.* 2020 Feb; 16(2):143-149. doi: 10.1038/s41551-019-0401-8. Epub 2019 Nov 20. Omar M El-Halfawy, Tomasz L Czarny, Ronald S Flannagan, Jonathan Day, José Carlos Bozelli Jr, Robert C Kuiack, Ahmed Salim, Philip Eckert, Richard M Epand ¹, Martin J McGavin ², Michael G Organ, David E Heinrichs, Eric D Brown
- Genomic Insights into a Colistin-Resistant Uropathogenic Escherichia coli Strain of O²³:H²-ST¹⁴¹ Lineage Harboring mcr-1,1 on a Conjugative IncHI² Plasmid from Egypt. *Microorganisms.* 2021 Apr 10; 9(4):799. doi: 10.3390/microorganisms9040799. Azza S Zakaria, Eva A Edward, Nelly M Mohamed