

## **CURRICULUM VITAE**



### **Personal Data:**

**Name: Prof.Dr.Abdul Hussein Moyet M. Al-Faisali**

**Place & Date of Birth : Iraq / Baghdad -1955**

**Nationality: Iraqi**

**Marital Status : Married and three children**

### **Academic Background :**

- **B.Sc. Biology, University of Baghdad, 1978.**
- **M.Sc. Biology, University of Baghdad, 1981.**
- **Ph.D. Clinical Molecular Genetics / Cancer Molecular Genetics, University of Wales, U.K., 1990.**

### **Career History:**

**1981-1983: Lab. Supervisor, Military Hospital, Baghdad, Iraq.**

**1983-1986: Research Assist., Biological Research Center, Cell and Microbiology Dept., Scientific Research Council, Iraq. Lecturer, Education College, Biology Dept., University of Baghdad.**

**1986-1990: Ph.D. Research, Medical Group, University of Wales - U.K.**

**1990-1992: Lecturer, University of Babylon, College of Science, Biology Dept. Babylon, Iraq.**

**1992-1995: Lecturer, University of El-Tahadi, College of Science, Dept. Of Biology, Libya.**

**1995-1998: Assist. Prof. Head of Biology Dept., College of Science, University of El-Tahadi, Libya.**

**1998-1999: Cytogenetics Consultant - Sartawi Medical Laboratories - Amman - Jordan.**

**1999-2004 : Head of Biology Dept. College of Applied Science , Thamar University, Yemen.**

**2004-2005: Director of the international organizations Department-High Education and Scientific Researches Ministry-Iraq-Baghdad.**

**2005-2007: Assist.Prof.Head of Molecular Biology Dept .The Iraqi Center for Cancer and Medical Genetics Researches- Baghdad.**

**2007-NOW : Prof. Dr. Genetic Engineering and Biotechnology Institute-Baghdad University, Dean of the Institute**

**Previous Positions:**

- **Vice-Head of Biology Dept., College of Science, University of Baghdad, Iraq.**
- **Head of Biology Dept., College of Science, El-Tahadi University, Libya.**
- **Head of the Biology Dept.College of Applied Science,Thamar University,Yemen.**
- **Member of Scientific Committee, Biology Dept., College of Science, University of Babylon,, Iraq.**
- **Member of Scientific Committee, Biology Dept., College of Science, University of El-Tahadi, Libya.**
- **Member of Scientific Committee, Biology Dept., College of Applied Science, University of Thamar, Yemen.**
- **Director of the national and international organizations Dept. – High Education and Scientific researches Ministry-Baghdad**
- **Head of the Medical Molecular genetic Dept. The Iraqi Center for Cancer and Medical Genetic Research-Al-Mustansyriah University**

**Conferences and Congresses:**

- **Conferences of the Iraq Biologist Committee 1979-1983.**
- **Conferences of the Scientific Research Council, Iraq 1983-1985.**
- **Symposium of Genetic Engineering and its application in Arab world, Jordan, 1993.**
- **Conferences of the UKEMS 1987-1990 Swansea U.K.**
- **Member of Organization Committee of the 7<sup>th</sup> conferences of the Iraq Biology Committee, Iraq, Babylon, April, 1992.**
- **1<sup>st</sup> Conferences of the Biology Science, Bengazi, Libya, 6-8 May 1997.**
- **1<sup>st</sup> Conferences in Medical and Biological Sciences, Zarka University, Zarka, Jordan, 24-25 April 1999.**
- **The science conference 2000- Al-Mukala – Yemen from 5-10 October 2000.**
- **The Management in Disasters- WHO- Jourdan- Amman-2005.**
- **The first conference for Genetic Engineering and Biotechnology – Baghdad-2008.**
- **The 2nd conference for Genetic Engineering and Biotechnology – Baghdad-2009.**
- **The international conference for Genetic Engineering and Biotechnology – Baghdad-2011.**
- **The workshop of the human stem cells , culture and differentiation. 2012.**

### Career Related Position:

- Member of the Iraqi Biological Society since 1978.
- Member of the U.K. Environmental Mutagens (UKEMS) since 1985.

### Teaching Experience:

- Oncogenes, Cancer Molecular Genetics, General Genetics, Molecular Genetics, Medical Genetics, Microbial Genetics, Genetics Engineering, Biotechnology, Molecular Biology, Cytogenetics.

### Practical Experience:

- DNA, RNA Extraction and Purification.
- Restriction Enzymes, Restriction Mapping.
- DNA Fragments Isolation.
- DNA Cloning, Gene Banks, Probes Preparation And Probing.
- Southern Blot Hybridization, In Situ Hybridization-Gene Mapping.
- Chromosomal Abnormalities, Transfection-Transformation.
- Oncogenes, Mutations-Translocations. Amplifications-Cooperations.
- Polymerase Chain Reaction (PCR).
- Mutagens Assays.
- Evolutionary Studies By Using the Recombinant Techniques.
- Tumor Markers.

### Publications:

- 1- Jinan J. Al-Mussawy, Abdul-Hussein M. Al-Faisal, Saife D. Al-Ahmer and Asan A. Qasim (2019). Impact of Age Factor in Cervical Abnormalities and Cancers Incidence in Some Iraqi Married Women. *Iraqi Journal of Biotechnology*, 18(1): 58-66
- 2- Rand Arkan Abd-AL Kareem and Abdul Hussein Moyet Al-Faisal (2019). Review: Hormonal Disturbance in Ambiguous Patients. *Iraqi Journal of Biotechnology*, 18(1): 1-19
- 3- Jawdat N. Gaaib and Abdul Hussein M. AL-Faisal (2019). Role of mir-let-7a Expression in Breast Cancer Diagnosis and Prognosis. *Indian Journal of Natural Sciences*, 9(53):17177-17184.
- 4- Mahdi Saber Al-Deresawi, Sabah Bresam, and Abdul Hussein M Al Faisal (2019). Compound FGFR3 Mutations Associated With Grads Of Bladder Carcinoma. *RJPBCS* 10(2):1464-1469.
- 5- Sabah Bresam, Bashar Ouda Altae and Abdul Hussein M. AlFaisal(2019). The distribution of *FGFR3* mutations in bladder tumors of different stages. *BIOSCIENCE RESEARCH*, 16(1): 95-101
- 6- Bashar Ouda Jawad Altae, Sabah Bresam, and Abdul Hussein M Al Faisal(2019). High Frequency Novel Mutations Of *FGFR3* Gene In Bladder Carcinoma Stages. *RJPBCS* 10(1): 1431-1435.
- 7- Mahdi Saber Al-Deresawi and Abdul Hussein Moyet AlFaisal and Aseel Razaq Al-Rekabi.(2019). *SOX4* gene contributes in induction of uterine adenomyosis. The 1<sup>st</sup> international scientific conference. Education College for pure science-AlQadesya University, 1-10.

- 8- Mahdi Saber Al-Deresawi , Abdul Hussein Moyet AlFaisal , Salim Rasheed Al- obaidi .(2018).Role of *SOX4* gene in the progression of endometrial hyperplasia to endometrial adenocarcinoma. Iraqi Journal of Biotechnology, September 2018, Vol. 17, No. 2, 82-90
- 9- Mahdi Saber Al-Deresawi, Abdul Hussein Moyet AlFaisal, Salim Rasheed Al-obaidi and Iqbal Abed Fahad.(2018).Hypermethylation of *miR-203* and overexpression of *SOX4* are new methods for prediction of Endometrial adenocarcinoma. *J. Pharm. Sci. & Res.* Vol. 10(12): 3128-3132 .
- 10- Tabark S. Jassim and Abdul Hussein M. AlFaisal (2018). The relationship between HPV and genes expression (*miRNA-744*, *BCL-2*, *CASPASE-3*) in epithelial cervical abnormalities. BIOSCIENCE RESEARCH, 15(3): 2141-2150.
- 11- Tabark S. Jassim and Abdul Hussein M. AlFaisal (2018).QUALITATIVE DETECTION OF HIGH RISK HPV AND GENOTYPING ASSOCIATED CERVICAL ABNORMALITIES. *Pak. J. Biotechnol.* Vol 15 (2) 557-562 Online: 2312-7791
- 12- Tabark S. Jassim , Abdul Hussein M. AlFaisal (2018).The Relationship between Human Papilloma virus (HPV) infection and Gene Expression of *miRNA-744*, *BCL-2*, *CASPASE-3* genes Associated with Cervical Cancer in Iraqi Patients Iraqi Journal of Biotechnology,Vol. 17, No. 2, 30-35.
- 13- Tabark S. Jassim Abdul Hussein M.AlFaisal (2018). CARCINOGENESIS OF HIGH-RISK HUMAN PAPILLOMA VIRUS (HPV) IN PATIENTS WITH CERVICAL ABNORMALITIES. pp594-599 International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 2018
- 14- Maysoon H. Abdul-Razq, Wiaam A. Al-Amili, Abdul Hussein M. Al-Faisal, Ismail A. Abdulhassan, Shatha S. Jumaah (2017). Influence of multi-drug transporter gene ABCG2 polymorphism (C421A) in clinical out care in some Iraqi chronic myeloid leukemia patients treated with imatinib mesylate. Iraqi Journal of Biotechnology, Vol. 16, No. 3, 98-107
- 15- Gaaib,J.N. AL-Faisal,A.H.M. and Ghanim, M.M.(2017).Evaluation of diagnostic and prognostic value of mucin (MUC 1) gene expression in breast cancer patients. Iraqi Journal of Biotechnology 16 (3), 177-185
- 16- Lafta, Sh.A. and AL-Faisal, A.H.M. 2017. Association of *Helicobacter pylori* infection and gastric cancer. Iraqi Journal of Biotechnology, Vol. 16, No. 1 , , 1-9.
- 17- Lafta, Sh.A. and AL-Faisal, A.H.M. 2017.The correlation between *KRAS* mutations and *H. pylori* in gastric cancer patients. Iraqi Journal of Biotechnology, Vol. 16, No. 3, 82-93
- 18- Alsaedi,M.K., AL-Faisal, A.H.M. , Al-Alwan ,N.A. and Abdullah M. Al-Fartusi, A.M.2017. Detecting mRNA Expression of *LUNX* Gene by RT-PCR in Lung Cancer Specimens of Iraqi Patients. Iraqi Journal of Biotechnology, Vol. 16, No.1 , 29-39.
- 19- Alsaedi, M.K., Nada A.S. Al-Alwan,N.A., AL-Faisal, A.H.M. and Alfartusi,A.2017.Expression of APEX1 Gene in Specimens of Iraqi Patients with Lung Cancer. International Journal of ChemTech Research, Vol.10 No.3, pp 613-621.
- 20- Abdul-Razaq1,M.H., Wiaam Ahmed Al-Amili,W.A. and AL-Faisal, A.H.M. 2017Relationship between IM Response and the C3435T SNP of *abcb1* Gene

- among Some Iraqi CML Patients. Research Journal of Pharmaceutical, Biological and Chemical Sciences, 8(2):651-657.
- 21- AL-Faisal, A.H.M. and Sabah Bresam 2016. Association of Exon 9 *FGFR3* Mutations and Cancer Grads in Patients with Bladder Cancer. Iraqi Journal of Biotechnology, 2016, Vol. 15, No. 2 , 109-118
  - 22- A.H. M. AL-Faisal, A.H.M., Abdul Hussein N., Al-Amili, W.H. and Tobal, K. 2016. n-ras and k-ras Mutations Among Some Iraqi Patients with Acute Lymphoblastic Leukemia. Kufa Journal for veterinary Medical Science, 7(1): 87-96.
  - 23- Alyaqubi, K.F., AL-Faisal, A.H.M. and Tobal, K. 2016. Validation of multidrug resistance1 (*MDR1*) gene expression level in whole blood, white blood cells and bone marrow biopsy in some Iraqi patients with acute leukemia using q RT-PCR. The 3<sup>rd</sup> international scientific conference of medical and health specialties, 460-466.
  - 24- AL-Faisal, A.H.M. and Nafeh, M.A. (2015). Detection of Five Novel Mutations in *K-ras* Gene for Iraqi Patients with Bladder Cancer. International Journal of Sciences: Basic and Applied Research (IJSBAR) 24(5):76-86.
  - 25- AL-Faisal, A.H.M. and Bresam, S. (2015). Detection of Three Novel Mutations in Exon 7 of *FGFR3* Gene in Iraqi Patients with Bladder Cancer. Journal of Biology, Agriculture and Healthcare 5: 218-225.
  - 26- Al Amili, W. A., AlFaisal, A.H.M. and Mahdi, M.S. 2015. Detection of genotoxicity of tobacco among cigarette smokers and nargilla users. The 2<sup>nd</sup> international scientific conference of medical and health specialities, Middle technical university
  - 27- Al Amili, W. A., AlFaisal, A.H.M., Ali, N. A. H. and Tobal, T. 2015. Detection of *FBXW7* mutations in acute lymphoblastic leukemia for some Iraqi patients using HRM-PCR. GCMPPF, 109-112.
  - 28- Al-Deresawi, M.S. and AlFaisal, A.H.M. 2015. Two novel missense mutations in exon 9 of *TPO* gene in Polycystic Ovary Syndrome patients with hypothyroidism. Journal of Biotechnology Research Center 9(1):30-37.
  - 29- Hamzah, I.H., AL-Faisal, A.H.M., Al-Rikabi, A.A.N.G. and Tobal, K. (2015). Association of t (14; 18) chromosomal translocation to Hodgkin's lymphoma in Iraqi patients. Iraqi Journal of Biotechnology, 14(2): 80-90.
  - 30- Hamzah, I.H., AL-Faisal, A.H.M., Al-Rikabi, A.A.N.G. and Tobal, K. (2015). Detection of *BNRF1* gene of EBV in Hodgkins lymphoma Iraqi patients by real time PCR. World Journal of Pharmaceutical Research WJPR 4(6):138-151.
  - 31- AL-Faisal, A.H.M., Nada, S.M. and Mahood, R.A.H. (2015). Evaluation of Homocysteine, Folic Acid and Methylenetetra-hydrofolate Reductase C677T Gene Polymorphism Associated with Recurrent Spontaneous Abortion. Wassit J. Science and Mdicine: 8( 3): (38-47).
  - 32- AL-Faisal, A.H.M., Nada, S.M. and Mahood, R.A.H. (2015). Micronucleus formation and Sister Chromatid Exchange in Female Lymphocytes Associated with Recurrent Spontaneous Abortion. Iraqi Journal of Biotechnology, 14(2): 21-29.

- 33- AL-Faisal, A.H.M , Amer M. Kradi, A.M. and Ahmed A. Suleiman, A.A.(2015). Detection of codon 12/13 g.6262G>A mutation of *H-ras* gene in Iraqi bladder carcinoma patients. *Iraqi J. of Biotechnology*,14(1):44-52
- 34- Jawad,B.O., AL Samaraie, K.W. and AL-Faisal, A.H.M. (2015).Effects of *Solanum Nigrum* Aqueous Extract on Normal and Cancer Cells Line. *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)* 10(2) Ver. 1 : 34-38
- 35- AL-Faisal, A.H.M. and Tabark Sabah Al –Rubiay (2014). Association of body mass index (BMI) and reproductive hormones with polycystic ovary syndrome in Iraqi patients. *Int.J.Advance Res.*,2(11): 788-791.
- 36- AL-Faisal, A.H.M. and Alyaqubi, K.J.(2014). Effect of MDR1 Gene Expression Related to C3435T Polymorphism in Iraqi Acute Myeloid Leukemia patients. *IJCR*.6(7):7434-7439.
- 37- Alyaqubi, K.J., AL-Faisal , A.H.M. and ALMudahafar,A.M.J.(2014). Assessment of Multidrug Resistance Gene (*MDR1*) Expression in Acute Myeloid Leukemia. *IJAR.*, 2(6):375-383.
- 38- Al Amili, W. A., AlFaisal, A.H.M., Ali, N. A. H. and Tobal, T. 2014. Screening for NOTCH1 Mutations in Acute Lymphoblastic Leukemia for Some Iraqi Patients Using HRM-PCR. *Int. J. Current Res.*, 6(5): 6736-6739
- 39- Gaaib, J.N., AL-Faisal, A.H.M., Tobal, K. and Nada Al-Alwan, N. 2014. Evaluation the Diagnostic and Prognostic Value of Human Mammaglobin (MGB1) Gene Expression in Iraqi Breast Cancer Patients. *Int.J.Advance Res.*,2(4):663-669.
- 40- AL-Faisal, A.H.M., Gaaib, J.N. and Nada Al-Alwan, N. 2014. Evaluation the diagnostic and prognostic value of cytokeratin-19 (*CK19*) gene expression in Iraqi breast cancer patients. *Int. J. Current Res.*, 6(4): 6346- 6351.
- 41- AlFaisal,A.H.M., Al Amili ,W.A. and Abdul Hussain,N.A.2014.Genetic alterations in Iraqi leukemia patients as indicator for polluted environment. *Eng.Technol.J. (Iraq)*, 32(13A):3166-3174.
- 42- AlFaisal,A.H.M. and Manal Lafta Abdul Hassan,M.L.2014. Apoptosis and necrosis levels in chemotherapy treated chronic lymphocytic leukemia patients. *The Iraqi Journal of Biotechnology*, Vol 13 (1):39-45
- 43- Ahmed,N.Sh.,Fayyad,A.G.S.,Yusoff,W.M.,Hamza,S.J.,AlFaisal,A.H.M. and Al-Shami,A.A. 2014. Detection of perforin in suspension of leukemia lymphocyte culture. *J.Biotechnol.Res.Center* 8(1):20-25.
- 44- AL-Khuzae ,A.M., AlFaisal ,A.H.M. and Al-Deresawi,M.S. 2014. Detection of some genetic mutations in H-Ras gene in acute and chronic leukemia. *Wassit J. Science and Mdicine*, 7(2): 128-135.
- 45- Mohammed, S.K. and AlFaisal,A.H.M.2014. Study of Chromosomal Aberrations and Micronucleus Formation in Some Iraqi Patients infected with Acute Myeloid Leukemia (AML). *The Iraqi Journal of Biotechnology*, Vol 13 (1):68-77.
- 46- AlFaisal, A.H.M. and Geath, R. 2013.Chromosomal analysis and maternal age risk in some Down syndrome patients. *The Iraqi Journal of Biotechnology*, 12(2):114-124.
- 47- AlAmili,W.A. ,Abdul Hussain, N.A. and AlFaisal, A.H.M. 2013a. Assessment of DNA damage in some Acute Lymphoblastic Leukemia Iraqi Patients Using the Comet Assay. *Al-Mamoon College Journal*,1(21):249-261.

- 48- AlAmili,W.A. ,Abdul Hussain,N.A. and AlFaisal,A.H.M. 2013b. Evaluation of Micronucleus and Nuclear Division Index in the Lymphocytes of some Iraqi Patients with Acute Lymphocyte Leukemia. *J.Biotechnol.Resaerch Center*, 7(3):43-53.
- 49- AlFaisal, A.H.M. and Al Baiyati,N.I.2013. The association of herpes viruses to leukemia in some Iraqi patients. *Int.J.Cur.Res.*,5(10):3024-3028.
- 50- Al-Dujaily, S.S., Muhand,S.A. and AlFaisal, A.H.M.2013. Effect of cryopreservation on DNA normality of mice epididymal sperms following in vitro preparatiobn with pentoxifylline and Glycyrrhiza glabra. *Iraqi J.Embryos and Infertility Researches* 3(5):24-30.
- 51- Al-Faisal, A.H.M. , Abdul-Hassan, I.A. , Al-Ramahi, I. J. , and Barusrux, S. 2013. Screening of TPO gene c.1708C<T and c.1978C<G mutations in Iraqi patients with hypothyroidism and thyroid cancer. *First International Scientific Conference of Zakho University*, 23-25 April.
- 52- Abdul Hussan,I.A., AlRamahi,I.J. and AlFaisal,A.H.M. 2013. Detection of TG and TPO genes compound mutations associated with thyroid carcinoma, toxic goiter and hypothyroidism in Iraqi patients. *J.Med.Sci.*, On line 2013,1-8.
- 53- Al-Deresawi,M.S.G., Al Najar,A.F. and Abdul AlFaisal,A.H.M. 2013. Detection of five substitution TPO mutations in Polycystic Ovary Syndrome (PCOS) and thyroid hormones disturbance patients. *J.Biotechnol.Resaerch center*, 8(2):5-10.
- 54- Ahmed,N.Sh., Yousaf,W.M., Al Rikabi,Z.H.A., Hamza,S.J., ; Al-Faisal,A.H.M. 2012.Detection of mutation in exon 2-3 in perforin gene and exon 4 in Fas gene in sample leukemia Iraqi patients. *Proc.7<sup>th</sup> Int,Con.Biol.Sci.* 49-54.Cairo Univ.,Egypt. Not found
- 55- AL-Faisal A.H.M. and Mahdi Saber G. Al-Deresawi. 2012. The correlation between thyroid hormones, reproductive hormones, body mass index (BMI) and hirsute in Iraqi women with polycystic ovary syndrome (PCOS). *Anbar University,The Second Scientific Conference for Pure Science*.22-24 November.
- 56- AL-Faisal A.H.M. , AL-Ramahi I.J. , Abudl-Hassan I.A. 2012. Micronucleous frequency among Iraqi thyroid disorder patients. *Comparative Pathology Journal* , 21(5) :1671-1677.
- 57- AL-Ramahi I. J., AL-Faisal A. H. M., Abudl-Reda I., Aouda N.3, AL-Atar R. and Barusrux S. 2012. Screening of g.IVS5+1G to a mutation of TG gene and thyroid hormone level among Iraqi thyroid disorders. *Journal of Medical Genetics and Genomics* 4(1):1–5.
- 58- AL-Faisal A.H.M. , AL-Ramahi I.J. , Abudl-Hassan I.A. ,Hamdan A.T. and Barusrux S. 2012. Detection of heterozygous c.1708C>T and c.1978C>G thyroid peroxidase (TPO) mutations in Iraqi patients with toxic and non toxic goiter. *Comparative Pathology Journal* , 21(3) : 1572-1581.
- 59- AL-Faisal A.H.M. , AL-Ramahi I.J. , Abudl-Hassan I.A. 2012. Detection of homozygous G.IVS34-1G>C AND C.886C>T mutations among toxic goiter and thyroid cancer patients in Iraq. *The Iraqi Journal of Biotechnology*, 11(2):414-421.

- 60- Al-Abboodi. M, Al-Kafajy N, Al-Faisal A, Barusrux S . 2010. Molecular Detection of (codon39) Beta-globin gene Mutation Associated with Beta-Thalassaemia in Baghdad. Proceeding of the 2<sup>nd</sup> annual international conference of Northeast pharmacy research, Thailand.
- 61- Kadhem,F.N. and AlFaisal,A.H.M. 2010. Detection of beta globin fragment using PCR technique. Iraqi Journal of Biotechnology,vol 9(3): 741-752
- 62- Al-Faisal,A.H.M., Hussein,M.A. and Abdul Kaleg,A.R.2010. Estimation of DNA damages, cytotoxicity and antioxidant status of heavy metals and benzene among petrol workers in Baghdad-Iraq. ISAN Journal of Pharmaceutical Science,6(1): 85-94.
- 63- Al-Faisal A.H.M. ,Ali Fadel Alnajar and Abdul Ameer M.Ghareeb .2010.AZF, SRY microdeletions and hormonal disturbances among azoospermic Iraqi men. ISAN Journal of Pharmaceutical Science,6(2): 92-97.
- 64- Aljewari, H., Nader, M., Al-Faisal A.H.M., Weerapreeyakul, N., Barusrux, S.2010a. In vitro Cytotoxic Activity of L-asparaginase Extracted from Pathogenic Escherichia coli Against Three Leukemic Cell Lines. Proceeding of The Annual International Conference of Northeast Pharmacy Research- Thailand.
- 65- Aljewari, H., Nader, M., Al-Faisal A.H.M., Weerapreeyakul, N., Barusrux, S. 2010b. E.coli L-Asparaginase safety to lymphocytes in the range of leukemic cell lines toxicity level. The 4<sup>th</sup> Sino-Thai International conference-Thailand.
- 66- Al-Baidani,S.J.K., Al-Faisal,A.H.M and Ali,N.A.A.2010.Study of some cytogenetic effects of Aerolysin Produced by *Aeromonas hydrophila* on normal and tumor cells in vitro. Biotechnol.Res.Center J., Vol 4(1):11-16.
- 67- Ramahi,I.,AlFaisal,A.M.,Abdul Hassan,I. et al. 2010.Study of thyroid hormones among female Iraqi thyroid disorders. The 2<sup>nd</sup> annual international conference of Northeast pharmacy research, Thailand.
- 68- Al jewari,H., Nader,M.I.,AlFaisal,A.M. et al.2010.High efficiency, selevtivity against cancer cell line of purified L-asparaginase from pathogenic E.coli. Word academy of science and technology, Japan.
- 69- AlFaisal,A.M. et al.2009 . Loss of heterozygosity in short arm of chromosome 8 in FFPT breast cancer tissues samples. Iraqi J.Biotechnol. 8(3):696-703
- 70- Al-Faisal A.H.M. ,Ali Fadel Alnajar and Wafaa Hazim Saleh .2009. Cytogenetical-Molecular and Hormonal Study on Male Infertility in Iraq.J.Med.Clin.Associ. of Thialand,37(3):59-63.
- 71- Al-Faisal A.H.M.2010.Hormonal disturbances among the infertile men in Baghdad-Iraq. J.Med.Clin.Associ. of Thialand,38(1):3060-3066.
- 72- Zaidan,S. R., Ali,N.A. and Al-Faisal,A.H.M.2009.Cytogenetic and Molecular study on ambiguity patients.Iraqi Journal of Biotechnology,vol 8(1):495-485.
- 73- Al-Baidani,S.J.K., Al-Faisal,A.H.M and Ali,N.A.A.2009. Study of some cytogenetic effects of the aerolysine toxin produced by *Aeromonas hydrophila* on lymphocytes. Iraqi Journal of Biotechnology,vol 8(1):326-333.
- 74- Hussein,A.Z., Al-Faisal,A.H.M and Al-Jiboori B.M.2009. Y chromosome azoospermia factors ( AZF ) microdeletions in azoospermic men. Iraqi J.Med.Sci., Vol 7(1): 102-108.



- 75- Al-Faisal,A.H.M.2008. Genetical and molecular analysis of familial hypercholesteremia disease. Iraqi Journal of Biotechnology,vol 7(2):133-146.
- 76- Al-Faisal, A.H.M. and Al-Katteb, I. 2008. Evaluation of the Role of CEA and Ferritin Levels in Breast Cancer Stages and Benign Breast Lesions. Iraqi Journal of Cancer ,Vol 1(1) :27-33.
- 77- Al-Faisal, A.H.M. 2008. Panal markers study in breast, colon, prostate and rectum cancer. Iraqi Journal of Cancer, Vol 1(1) :59-66.
- 78- Wasan Abdul-Ilah Bakir and Al-Faisal, A.H.M. 2008. Gastric mucosal interleukine-8 (IL-8) and interleukine-1beta (IL-1 $\beta$ ) levels in atrophic gastritis and gastric carcinoma patients. Journal of the Faculty of Medicine – Baghdad, Vol 50(4): 412-426.
- 79- Al-Faisal, A.H.M., Amal M.Ali and Nahi Y.Yassen .2008.Chromosomal aberrations and N-ras activation in human larynx carcinoma cell line Hep-2. Um Salamah Journal Vol 5(3) :346-352.
- 80- Zaidan,S.R., Al-Faisal, A.H.M and Ali,N.A. 2008.Cytogenetic and Molecular analysis of patients with ambiguous genitalia.The medical Journal of Basrah University,Vol 26(1):49-56.
- 81- Al-Faisal, A.H.M.2007.Genotoxic effects among petrol station workers. Journal of the Faculty of Medicine –Baghdad Vol49 (3): 326-331.
- 82- Al-Faisal, A.H.M. 2006. Effect of Plamid Size on the Transformation Efficiency of the Bacteria E.coil HB 101.The Iraqi Journal of Biotechnology, Vol 5 (1):123-130.
- 83- Al-Faisal, A.H.M., Al-Katteb, I. and Habashna, M. 2001. Elevation of Prostatic Speeific Antigen in Prostate benign hyperplerplasia and prostatic Cancer.Cancer Mol. Biol. 8:1591– 1597.
- 84- Al-Faisal, A.H.M., Al-Katteb, I. and Al-Katteb, F. 2000. DNA Ploidy and Heterogeneity in Ovarian Cancer. Cancer Mol. Biol . 7 : 1471 –1479 .
- 85- Al-Faisal, A.H.M. and Parry,J.1998. Detection of abnormal allele of N-ras proto-oncogene in Syrian hamster embryo cells induced by B(a) pyren. Cancer Molecular Biology, 5: 256-263.
- 86- Al-Faisal,A.H.M. and Parry,J.1998.Abnormal chromosome locations of c-K-ras and c-H-ras proto-oncogenes in Syrian hamster embryo cells treated with a single exposure to B(a) pyren. Cancer Molecular Biology, 5: 242-256.
- 87- Al-Faisal, A.H.M. 1995. Effect of DNA concentration and plasmid size on the transformation of the bacteria *Staphylococcus aureus* . Scientific J. Al-Tahadi University, 2 : 1-7.
- 88- Al-Faisal, A.H.M. and Najji, M. W. 1992.Stability of different size plasmids in the bacteria *Staphylococcus aureus* .Procceding of the scientific conference,Al-Mustansyria University ,45-52.

### **Books:**

- 1- Molecular Genetics. 2000. Dar Al-Ahlyaa for Publishing and Distribution - Amman, Jordan.
- 2- Cell, Ultrastructure and Functions. 2000. Dar Al-Ahlyaa for Publishing and Distribution - Amman, Jordan.

- 3- General Genetics . 1999. Dar Al-Ahlyaa for Publishing and Distribution - Amman, Jordan.**
- 4- Laboratory Techniques in Genetic Engineering. 1999. Dar Al-Ahlyaa for Publishing and Distribution - Amman, Jordan.**
- 5- Genetic Engineering. 1999. Dar Al-Shrouk for Publishing and Distribution - Amman, Jordan.**
- 6-Human Genetics.2008.Dar Alyazory for Publishing and Distribution- Amman, Jordan.**
- 7. Principles of Human Cytogenetics.2012. Dar Al-Ahlyaa for Publishing and Distribution - Amman, Jordan. Under publishing**