

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 , Tamar 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 7th conferences of the Iraq Biology Committee, Iraq, Babylon, April, 1992.
- 1st Conferences of the Biology Science, Bengazi, Libya, 6-8 May 1997.
- 1st 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.
- Polymersae Chian Reaction (PCR).
- Mutagens Assays.
- Evolutionary Studies By Using the Recombinant Techniques.
- Tumor Markers.

Publications:

- 1- 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.
- 2- Mahdi Saber Al-Deresawi and Abdul Hussein Moyet AlFaisal and Aseel Razaq Al-Rekabi.(2019). *SOX4* gene contributes in induction of uterine adenomyosis. The 1st international scientific conference. Education College for pure science-AIQadesya University, 1-10.
- 3- 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
- 4- 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 .
- 5- 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.
- 6- 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
- 7- 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.
- 8- Tabark S. Jassim Abdul Hussein M.AlFaisal (2018). CARCINOGENESIS OF HIGH-RISK HUMAN PAPILOMA VIRUS (HPV) IN PATIENTS WITH CERVICAL

ABNORMALITIES. pp594-599 International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 2018

- 9- Maysoon H. Abdul-Razq, Wiaam A. Al-Amili, Abdul Hussein M. Al-Faisal, Ismail A. Abdhassan, 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
- 10- 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
- 11- 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.
- 12- 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
- 13- 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.
- 14- 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.
- 15- Abdul-Razaq1, M.H., Wiaam Ahmed Al-Amili, W.A. and AL-Faisal, A.H.M. 2017. Relationship 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.
- 16- 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
- 17- 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.
- 18- 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 3rd international scientific conference of medical and health specialties, 460-466.
- 19- 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.
- 20- 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.

- 21- 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 2nd international scientific conference of medical and health specialities, Middle technical university
- 22- 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.
- 23- 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.
- 24- 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.
- 25- 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.
- 26- 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).
- 27- 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.
- 28- 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
- 29- 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
- 30- 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.
- 31- 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.
- 32- 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.
- 33- 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
- 34- 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.

- 35- 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.
- 36- 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.
- 37- 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
- 38- 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.
- 39- 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.
- 40- 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.
- 41- 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.
- 42- 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.
- 43- 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.
- 44- 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.
- 45- 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.
- 46- 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.
- 47- 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.
- 48- 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.

- 49- 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.7th Int,Con.Biol.Sci. 49-54.Cairo Univ.,Egypt. Not found
- 50- 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.
- 51- 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.
- 52- 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.
- 53- 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.
- 54- 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.
- 55- 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 2nd annual international conference of Northeast pharmacy research, Thailand.
- 56- 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
- 57- 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.
- 58- 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.
- 59- 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.
- 60- 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 4th Sino-Thai International conference-Thailand.

- 61- 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.
- 62- Ramahi,I.,AlFaisal,A.M.,Abdul Hassan,I. et al. 2010.Study of thyroid hormones among female Iraqi thyroid disorders. The 2nd annual international conference of Northeast pharmacy research, Thailand.
- 63- 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.*
- 64- 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
- 65- Al-Faisal A.H.M. ,Ali Fadel Alnajjar 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.
- 66- 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.
- 67- 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.
- 68- 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.
- 69- 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.
- 70- Al-Faisal,A.H.M.2008. Genetical and molecular analysis of familial hypercholesteremia disease. *Iraqi Journal of Biotechnology*,vol 7(2):133-146.
- 71- 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.
- 72- 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.
- 73- Wasan Abdul-Ilah Bakir and Al-Faisal, A.H.M. 2008. Gastric mucosal interleukine-8 (IL-8) and interleukine-1beta (IL-1 β) levels in atrophic gastritis and gastric carcinoma patients. *Journal of the Faculty of Medicine – Baghdad*, Vol 50(4): 412-426.
- 74- 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.
- 75- 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.
- 76- Al-Faisal, A.H.M.2007.Genotoxic effects among petrol station workers. *Journal of the Faculty of Medicine –Baghdad* Vol49 (3): 326-331.
- 77- 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.

- 78- Al-Faisal, A.H.M., Al-Katteb, I. and Habashna, M. 2001. Elevation of Prostatic Specific Antigen in Prostate benign hyperplasia and prostatic Cancer. *Cancer Mol. Biol.* 8:1591– 1597.
- 79- 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 .
- 80- 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.
- 81- 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.
- 82- 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.
- 83- Al-Faisal, A.H.M. and Naji, M. W. 1992. Stability of different size plasmids in the bacteria *Staphylococcus aureus* . *Proceeding 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