

Curriculum Vita

Personal details

Name : **Hazha Jamal Hidayat**

Family Name: Hidayat

Mobile : **009647504459986**

E- Mail : Hazha.hidayat@su.edu.krd



**Affiliation : Salahaddin University – College of Education –
Biology Department –Erbil-Kurdistan Region- Iraq**

Scientific Degree: Professor in **Human Molecular Genetic**

<https://scholar.google.com/citations?user=SlvF7acAAAJ&hl=en>

Education :

1987-1988 Took Baccalaureate, Erbil Secondary School-Iraq

1989-1992 Complete B.Sc. University of Salahaddin-Iraq

1997 Complete M.Sc. college of Science Education University of Salahaddin-Iraq

2007 Awarded Ph. D. college of Science Education University of Salahaddin-Iraq

Experiences

1997 Assistant lecture of Biology Department College of Education –University of Salahaddin –Erbil- Iraq.

2003 Lecturer of genetics, Department of biology College of Education –University of Salahaddin –Erbil- Iraq.

2008- 2016 Prof. assistant in human genetics, Department of biology College of Education –University of Salahaddin –Erbil- Iraq.

2016- present Professor in human genetics, Department of biology College of Education –University of Salahaddin –Erbil

Training courses and conferences :

1998 Scientific conference of Duhok University , Dohok-Iraq.

2005 training in **Iraqi center for cancer and medical Genetics on Tissue culture.**Baghdad,Iraq.

2008 training in Duhok research center in Duhok,Iraq.

2008 GTCbio 5th cancer drug research and development, feb.21-22, Phoeni , AZ,USA.

2008 Drug from natural products 7-8April, **Cambridge, UK.**

2009 congress of the European Association for clinical Pharmacology and Therapeutics , **Edinburgh, Scotland 12-15th july.**

4th International Scientific Conference of Salahaddin University – Erbil- October 18-20,2011.

Ishik University, New Trends in Education, April 14,2012.

The 4th Kurdistan Conference on Biology Scientific, Dohok University –Dohok- October. 8-10th May,2012.

Training course in flow cytometer,millipore company, Oxfordshire,UK,2012

Training course in Nanodrope ,WaterLab company, Oxfordshire,UK,2012.

Ishik University,4th International visible Conference on Educational Sciences, April 13,2013.

Participation in EndNote software workshop , 10-11- 5-2013

The 4TH International Conference and Workshops on Basic and Applied Sciences and 11TH Regional, Annual Fundamental Science Symposium 2013 (ICOWOBAS-RAFSS 2013), which will be held at Le Grandeur Palm Resort, Senai, Johor, Malaysia from 3rd to 5th September 2013.

First International Conference of *Cihan university* ,20-21 april 2014.

5th International visible conference on foreign language teaching and applied linguistics. April 13-14 -2014.Isik University.

2nd International Ecology, Enviroment and Energy Conference(ICEEE2015) ,APRIL 12-13,2015 in Erbil –Iraq.Faculty of Education of Isik University and College of Education of Salahaddin.

Paper entitled (Mutation in MTHFR gene associated with Mental Retardation and Cerebral Palsy combined with Mental Retardation in Erbil city) accepted as a **Oral presentation in 20th international on Human Genetic World Academy of Science Engineering And Technology.**'London/ UK Feb15-16 2018

And many more

RESEARCH INTERESTS:

My research has the overall theme of Human Molecular genetic. The main focus of my works deals with the mode of inheritance of human genes, structure and organization of the human genome, mapping of the human genome, the technology behind sequencing the human genome, instability of the human genome, human gene expression, identifying human disease genes, cancer genetics, genetic testing in individuals and populations , bioinformatics,

Activity

I was established and worked as a supervisor at Tissue culture Lab in Research center, University of Salahaddin.

In 2019 nominated as a speaker in the women entrepreneurship symposiums as a business woman.

I own Immunogene center which is a professional center for genetic disease diagnoses, also provides the first DNA Sequencer in Kurdistan and Iraq.

2020 I recorded covid -19 genome first one in National center biotechnology information in Iraq and Kurdistan .

Supervision

I supervised **15** Master and PhD Students in the field of **Human Molecular Genetics** in different universities

- 1- Near east University /Molecular Biology/Institute of health science/ Cyprus
- 2- Salahaddin University
- 3- Bingol University /Turkey
- 4- Mosul University /College of Science
- 5- Hawler medical University/ College of Pharmacy
- 6- Hawler medical University/ College of Nursing
- 7- Koya University

The most interesting thesis title (**Cytogenetic Molecular study of k-ras gene exon-2 and health problems of chemical bombardment survivors in Shex wasanan & Balisan vally Kurdistan region-Iraq**).

Publications

- 1. The Role of Circular RNAs in the Carcinogenesis of Bladder Cancer**, Ghafouri-Fard, Soudeh and Najafi, Sajad and Hussien, Bashdar Mahmud and Basiri, Abbas and Hidayat, Hazha and Taheri, Mohammad and Rashnoo, Fariborz ,**Frontiers in Oncology**, 2022,**Impact factor = 6.429**
- 2. Therapeutic Potential of Microvesicles in Cell Therapy and Regenerative Medicine of Ocular Diseases With an Especial Focus on Mesenchymal Stem Cells-Derived Microvesicles**, Rad, Lina Moallemi and Yumashev, Alexey V and Hussien, Bashdar Mahmud and Jamad, Hazha Hadayat and Ghafouri-Fard, Soudeh and Taheri, Mohammad and Rostami, Samaneh and Niazi, Vahid and Hajiesmaeili, Mohammadreza, **Frontiers in Genetics**,**Impact factor = 4.599**
- 3. A Comprehensive Review on Function of miR-15b-5p in Malignant and Non-Malignant Disorders**, Ghafouri-Fard, Soudeh and Khoshtakht, Tayyebah and Hussien, Bashdar Mahmud and Jamal, Hazha Hadayat and Taheri, Mohammad and Hajiesmaeili, Mohammadreza},**Frontiers in Oncology**, 2022,**Impact factor = 6.422**
- 4. Expression analysis of Wnt signaling pathway related lncRNAs in periodontitis: A pilot case-control study**, Ghafouri-Fard, Soudeh and Dashti, Sepideh and Gholami, Leila and Badrlou, Elham and Sadeghpour, Saba and Hussien, Bashdar Mahmud and Hidayat, Hazha Jamal and Nazer, Naghme and Shadnoush, Mahdi and Sayad, Arezou, **Human Gene**,2022, **Impact factor = 0.75**
- 5. Molecular Screening of Exon 12 of Janus Kinase 2, Exon 9 of Calreticulin Genes in Polycythemia Vera Patients with Unmutated Janus Kinase 2 V617F**},Sofi, Jamal Sleman and Hidayat, Hazha Jamal, **Indian Journal of Pharmaceutical Sciences**, 2022.
Impact factor =0.97

6. **Identification of expression of CCND1-related lncRNAs in breast cancer**, Hussien, Bashdar Mahmud and Hidayat, Hazha Jamal and Ghafouri-Fard, Soudeh, **Pathology-Research and Practice**,2022 **Impact factor = 3.309**
7. **Functional interplay between long non-coding RNAs and Breast CSCs**,Hussien, Bashdar Mahmud and Kheder, Ramiar Kamal and Abdullah, Sara Tharwat and Hidayat, Hazha Jamal and Rahman, Heshu Sulaiman and Salihi, Abbas and Taheri, Mohammad and Ghafouri-Fard, Soudeh}, **Cancer Cell International**, 2022. **Impact factor = 6.429**
8. **Genome sequence analysis of SARS-COV-2 isolated from a COVID-19 patient in Erbil, Iraq**, Bashdar Mahmud Hussien¹ · Dana Khdr Sabir² · Yasin Karim³ · Karzan Khawaraham Karim⁴ · Hazha Jamal, *Applied nanoscience* ,2022. **Impact factor = 3.6**
9. **A diagnostic panel for acquired immune-mediated polyneuropathies based on the expression of lncRNAs**,Hussien, Bashdar Mahmud and Nicknafs, Fwad and Hidayat, Hazha Jamal and Sayad, Arezou and Ghafouri-Fard, Soudeh and Taheri, Mohammad, **Frontiers in immunology**, 2021, **Frontiers, Impact Factor = 7.561**
10. **Oncogenic Roles of Small Nucleolar RNA Host Gene 7 (SNHG7) Long Non-coding RNA in Human Cancers and Potentials**, Najafi, Sajad and Ghafouri-Fard, Soudeh and Hussien, Bashdar Mahmud and Hidayat, Hazha and Taheri, Mohammad and Hallajnejad, Mohammad, **Frontiers in Cell and Developmental Biology**, 2022. **Impact Factor = 6.68**
11. **The emerging roles of NGS in clinical oncology and personalized medicine**, Bashdar Mahmud Hussien a,b , Sara Tharwat Abdullah c , Abbas Salihi b,d , Dana Khdr Sabir e , Karzan R. Sidiq f , Mohammed Fatih Rasul g , Hazha Jamal Hidayat h , Soudeh Ghafouri-Fard i , Mohammad Taheri j,k , Elena Jamali l, **Pathology - Research and Practice**, 2022, **Impact Factor = 3.250**
12. **Down-regulation of Survivin and Bcl-2 concomitant with the activation of caspase-3 as a mechanism of apoptotic death in**

KG1a and K562 cells upon exposure to a

derivative from ciprofloxacin family, Eslami, Farhad and Mahdavi, Majid and Babaei, Esmaeil and Hussen, Bashdar Mahmud and Mostafavi, Hossein and Shahbazi, Ahmad and Hidayat, Hazha Jamal ,**Toxicology and applied pharmacology**, 2022, Elsevier. **Impact Factor = 3.347**

13. Signaling pathways modulated by miRNAs in breast cancer angiogenesis and new therapeutics, Hussen, Bashdar Mahmud and Salihi, Abbas and Abdullah, Sara Tharwat and Rasul, Mohammed Fatih and Hidayat, Hazha Jamal and Hajiesmaeili, Mohammadreza and Ghafouri-Fard, Soudeh, **Pathology-Research and Practice**, Elsevier,2022, **Impact Factor = 3.250**

14. The Emerging Role of Non-Coding RNAs in the Regulation of Virus Replication and Resultant Cellular Pathologies, Ghafouri-Fard, Soudeh and Hussen, Bashdar Mahmud and Jamal, Hazha Hidayat and Taheri, Mohammad and Sharifi, Guive, **International Journal of Molecular Sciences**, 2022 **Impact Factor = 5.924**

15. MicroRNAs: Important Players in Breast Cancer Angiogenesis and Therapeutic Targets, Hussen, Bashdar Mahmud and Abdullah, Sara Tharwat and Rasul, Mohammed Fatih and Salihi, Abbas and Ghafouri-Fard, Soudeh and Hidayat, Hazha Jamal and Taheri, Mohammad,**Frontiers in molecular biosciences**, 2021, **Impact Factor = 5.629**

16. Role of lncRNA BANCR in Human Cancers: An Updated Review, Bashdar Mahmud and Azimi, Tahereh and Abak, Atefe and Hidayat, Hazha Jamal and Taheri, Mohammad and Ghafouri-Fard, Soudeh, **Frontiers in Cell and Developmental Biology**, 2021, **Frontiers Impact Factor = 6.684**

17. NF-KappaB interacting LncRNA: review of its roles in neoplastic and non-neoplastic conditions, Hussen, Bashdar

18. Mahmud and Azimi, Tahereh and Hidayat, Hazha Jamal and Taheri, Mohammad and Ghafouri-Fard, Soudeh, **Biomedicine \& Pharmacotherapy**, 2021, Elsevier **Impact Factor = 6.529**
19. **The Role of circular RNAs in the Carcinogenesis of Bladder**, Ghafouri-Fard, Soudeh, Salad Najafi, Hussien, Bashdar , Abbas Basiri, Hidayat, Hazha Jamal , Taheri, Mohammad and Fariborz Rashnoo, **Frontiers in Oncology**, 2021, **Impact Factor= 6.244**
20. **MicroRNA: A signature for cancer progression**, Hussien, Bashdar Mahmud and Hidayat, Hazha Jamal and Salihi, Abbas and Sabir, Dana K and Taheri, Mohammad and Ghafouri-Fard, Soudeh, **Biomedicine \& Pharmacotherapy**, 2021, Elsevier, **.Impact Factor = 6.68**
21. **The impact of non-coding RNAs in the epithelial to mesenchymal transition**, Hussien, Bashdar Mahmud and Shoorei, Hamed and Mohaqiq, Mahdi and Dinger, Marcel E and Hidayat, Hazha Jamal and Taheri, Mohammad and Ghafouri-Fard, Soudeh, **Frontiers in molecular biosciences**, **Frontiers**, 2021, **Impact Factor = 6.68**
22. **Long non-coding RNA RMRP in the pathogenesis of human disorders**, Hussien, Bashdar Mahmud and Azimi, Tahereh and Hidayat, Hazha Jamal and Taheri, Mohammad and Ghafouri-Fard, Soudeh, **Frontiers in Cell and Developmental Biology**, 2021, **Frontiers**, **Impact Factor = 6.68**
23. **Exploring the interaction of quercetin-3-O-sophoroside with SARS-CoV-2 main proteins by theoretical studies: A probable prelude to control some variants of coronavirus including Delta**, Khan, Suliman and Hussain, Arif and Vahdani

24. Yasaman and Kooshki, Hamideh and Hussen, Bashdar Mahmud and Haghghat, Setareh and Rasul, Mohammed Fatih and Hidayat, Hazha Jamal and Hasan, Anwarul and Edis, Zehra ,Arabian Journal of Chemistry,2021,Elsevier ,**Impact Factor =5.165**

25. The Impact of Non-coding RNAs in the Epithelial to Mesenchymal Transition, Hidayat, Hazha Jamal and Taheri, Mohammad and Hussen, Bashdar Mahmud and Shoorei, Hamed and Dinger, Marcel E and Ghafouri-Fard, Soudeh and Mohaqiq, Mahdi, **Frontiers in Molecular Biosciences,2021, Frontiers Media, Impact Factor = 5.246**

26. The role of HPV gene expression and selected cellular MiRNAs in lung cancer development, Hussen, Bashdar Mahmud and Ahmadi, Gelavizh and Marzban, Havva and Azar, Maryam Ebadi Fard and Sorayyayi, Saba and Karampour, Romina and Nahand, Javid Sadri and Hidayat, Hazha Jamal and Moghoofei, Mohsen, **Microbial pathogenesis, 2021,Elsevier Impact Factor = 2.914**

27. The role of circular RNAs in the development of hepatocellular carcinoma,Hussen, Bashdar Mahmud and Tamizkar, Kasra Honarmand and Hidayat, Hazha Jamal and Taheri, Mohammad and Ghafouri-Fard, Soudeh,**Pathology- Research and Practice,2021,Elsevier, Impact Factor = 3.25**

28. Impact of mass media on the population as a precautionary prevention from COVID-19 in Iraq, Jamal, AL and Qader, AS and Hazha, JH and Aziz, KF and Qader, SS and Hussen, BM, **2021.**

29. Structural chromosomal aberrations as potential risk markers in incident of female breast cancer patients in

Iraq, Ahmed, Salam Adil and Hidayat, Hazha Jamal, Annals of Tropical Medicine and Public Health, *Annals of Tropical Medicine and Public Health*.2021

30.The assessment of lifestyle change due to COVID-19 pandemic in northern Iraq,Hussen, BM and Qader, SS and Aziz, KF and Hazha, JH and Qader, AS and Jamal, 2021

31.Case report: A GUCY2D gene mutation in Kurdish Nation with Leber congenital amaurosis-1 disease,Ibrahim, Hozan I and Hidayat, Hazha J,n*Annals of the Romanian Society for Cell Biology*,2021

32.PREVALENCE OF PALB2 GENE MUTATIONS IN BREAST CANCER PATIENTS IN IRAQI

i. POPULATION}, Salam Adil Ahmed1, and Hazha Jamal,Hidayat,Biochem. *Cell. Arch*, 2020

33.Cytogenetic toxicity effects of local purslane (portulaca oleracea) leaf crude extracts on normal and cancer cell lines in vitro, authorZakaria, AS and Hazha, JH, journal *International Journal of Drug Discovery*, 2013,Bioinfo Publications

34.Protective Effectes of Salvia officinalis Aqueouse Crude Extract Against 1, 2-Dimethylhydrazin Induced Chromosomal Aberrations and Sperm Abnormalities in Male Albino Mice Mus musculus. Hidayet, Assisst Prof Dr Hazha Jamal and Mohammed, Shaiman Hameed,2013

35.Antiproliferative Effects and Apoptosis induction of Ethanolic Extract of Andrachna aspera on Human Rabdomyosarcoma Cell, Hidayat, Hazha J, *Journal Iraqi Journal of Cancer and Medical Genetics*,2015

36.Gene expression of P53 and adipoq as diagnostic markers for colorectal cancer, Ismaiel, Nadhum J and Mohammed, RA and Hidayat, Hazha J, journal *Cukurova Med J*, 2016}

37. Cytogenetic Analysis of Peripheral Blood Lymphocytes of Workers Occupationally Exposed to Benzene in A Fuel Station in Erbil City- Iraq, Hidayat, Hazha J and Ismael, Mohammed S and Hasan, Hewa H, Science Journal of University of Zakho, 2016}
38. Molecular genetics of renal cell carcinoma: polybromo 1 and set domain containing 2 genes, Ismaiel, Nadhum and Mohammed, Rozhgar and Hidayat, Hazha, Cukurova Medical Journal, 2016
39. Anti tumor potential of Local Aslerk (*Eremurus spec-tabilis*) Leaf Extracts by HPLC and applying on Cancer cell Lines in vitro, author Abubaker, Shayan R and Hidayat, Hazha J, { Iraqi Journal of Cancer and Medical Genetics 2015
40. The cytotoxic effect of the crude extracts of local rhubarb *Rheum ribes L.* in Kurdistan-Iraq on normal and cancer cell lines in vitro, Ismael, N and Hidayat, H, BASIC CLINICAL PHARMACOLOGY \& TOXICOLOG, 2009, WILEY-BLACKWELL PUBLISHING, INC 2009
41. Cytotoxicity and Cytogenetic Effects of Local Purslane (*Portulaca oleracea*) Leaf Crude Extracts on Normal and Cancer Cell Lines In vitro, Shekha, Zakaria Ahmed and Hidayat, Hazha Jamal, 2016
42. Cytogenetics and molecular study of P53 gene in liver cancer diagnosed in Erbil city using de novo sequencing method, Ismail, Nadhum J and Sulaiman, Kazhal M and Hedayat, Hazha J, Iraqi Journal of Cancer and Medical Genetics Volume 2016}

43. Study of Paraoxonase1 Enzyme for Women with Breast Cancer (Biochemical and Molecular Genetics Study, BAKER, Luma Abdalmunim and HIDAYET, Hazha Jamal and AL- CHALABI, Nahida S, The Eurasia Proceedings of Science Technology Engineering and Mathematics
44. The Role of Resistin Level and Genetic Study for Patients with Hypercholesterolemia, Hidayet, HJ and Baker, LA Baker, West Indian Med J, 2016
45. *Genetic effects of solar eclipse on chromosome aberrations and sperm abnormalities in albino mice Mus musculus, 1999-mutae- Jordan.*
46. *The effect of fungicide on genetic structure of second generation in albino mice Mus musculus, Zanco, vol. 15, No. 1. 2003.*
47. *Effect of Magnetic field on chromosome and sperm in albino mice Mus musculus, Zanco Duhok, Vo. 2, No. 2. 1999.*
48. *Study of mutagenic and antimutagenic effects of fruit Aqueous extraction of Citrullus coloncynthis in human lymphocyte peripheral blood, Zanco, Vol. 20, No. 3. 2008.*
49. *Molecular and Genetic study of bacteria Staphylococcus aureus isolated from Impetigo in human. Zanco , Vo. 20, No. 4, 2008.*
50. *Cytotoxicity of Citrullus coloncynthis crude extract to cancer and normal cell line in vitro, Zanco, Vol. 21, No. 2. 2009.*
51. *Cytotoxicity of Rhum ribes crude extract to cancer cell line in vitro, Zanco, Vol. 21, No. 2. 2009.*

1. *Mutagenic and antimutagenic ability of aqueous extracts of Rheum ribes in human lymphocyte cells in peripheral blood. Dohok Conference.*
2. *In –vitro Antimitotic and Anticancer activity of Anchuza azura L against AMN3 and VERO cell lines, the 4TH International Conference and Workshops on Basic and Applied Sciences and 11TH Regional Annual Fundamental Science Symposium 2013 (ICOWOBAS-RAFSS 2013), which will be held at Le*
 - a. *Grandeur Palm Resort, Senai, Johor, Malaysia from 3rd to 5th September 2013.*
3. *IN-vitro antimitotic activity of Andrachna aspera L against RD cell line, Cihan University ,20-21 april,2013*

a. **Chair/Member of Msc. PhD., Supervisory Committee**

- Shaiman Hameed Mohammed, Diploma, **Supervisor.**
- Abo Baker Mohammed Rashed , Master, member
- Jala Abdulela Abdulaha, Diploma, chair.
- Zakareia Ahmad Shekha, Master, **Supervisor.**
- Nather Jameel Yaseen ,Master, member
- Shayan Rashed ,Master, **Supervisor.**
- Dilshad Abas ,Master, member .
- Tuana Ahmad PHD,member.
- Kazhal Mohammad Sulieman, PhD, member.
- Shaiman Hameed Mohammed, Master, **Supervisor.**
- Shaema Ibrahim, Master, Supervisor.
- Shawnim Musher, Master, **Supervisor.**
- Luma Abd Almunim Jasim, PhD, **Supervisor.**
- Nada Nasser Kamil, , Master member
- Shyma Ibrahim Muhammad, Master, **Supervisor.**
- Hemn Mam Xola Hadi , Monoamine Oxidase A gene association with aggressive behaviour in criminals in prisons Erbil city /Kurdistan region/Iraq, master , Supervisor

And many more