

Name :Dr.Zafir Hassan Ghali

Date and place of birth:22-Jan.1971-Iraq

Nationality: Iraqi

Profession: University Professor

Title:Professor

General specialty :Biology

Research interests :Cytogenetics and Molecular genetics

Marital status: Married

Place of work: Department of Biology-College of Education-University of Wasit-Iraq

E-mail:zafiralqaissi@yahoo.com

Certificates:

**Post Ph.D in molecular genetics - Kharkov national university2012
Ukraine**

PhD in Biological Science in Cytogenetic and Molecular genetics from college of science –university of Baghdad-2006.The PhD dissertation titled by: Cytogenetic ,molecular and tumor biomarker study from patients with prostate neoplasia.

M.Sc. in Biological science in animal physiology from college of science-Al-mustansiriah university-1998.The M.Sc. thesis titled by: Effect of histamine-2 receptors antagonists on acute renal failure induced by MgCl₂ in rats.

B.Sc. in Biological science in microbiology from college of science-Al-mustansiriah university 1994.

Qualifications and Experience:

***polymerase chain reaction (PCR) technique**

FISH technique (training course, university of Bari ,Italy 2009)

***Cytogenetic Analyses which include:**

Tissue culture and chromosome preparation

Sister chromatid exchange (SCE),mutation fraction, mitotic and blast indices.

***Detection of tumor biomarkers by ELISA technique**

*Tissue sectioning

*Renal functions tests

Genetic polymorphism analysis at molecular level

Statistical analysis

Articles

1.Cytogenetic assessment of patients with prostate neoplasia.

2.Assessment of PSA levels in patients with prostate neoplasia.

3.Carcinoembryonic antigen(CEA) in breast cancer patients :serum levels and disease stage

J.of Second scientific conference of Wasit university:726-729;2009

4.Resistance to 6-thioguanine and methotrexate in peripheral lymphocytes from patients with prostate neoplasia.

J.of third scientific conference of Wasit university:675-687 ;2010

5.Assessment of genomic instability in blood and tissues from prostate cancer patients by random amplified polymorphic DNA analysis.

Journal of biotechnology research center.Vol3(2):30-39;2009

6.Methotrexate-resistance is associated with double minute lymphocytes chromosome in with prostate cancer from patients.

Journal of Wasit for science and medicine .Vol.2(1):214-220;2009.

7.Cytogenetic analysis of breast tumor patients

. J.of third scientific conference of Wasit university:647-654;2010

8.Assessment of CEA in sera from patients with breast tumors.

9. Resistance to 6-thioguanine and methotrexate in peripheral lymphocytes from patients with breast tumors.

**10. Analysis of genomic instability in patients with breast cancer
Journal of biotechnology research center. Vol 4(1):11-19;2010**

11. Effect of acute renal failure on mortality.

Journal of Alqadisia of pure sciences Vol.7(3) ;2002

12. Effect of cimetidine on acute interstitial nephritis.

Journal of Alqadisia of pure sciences 2001

13. Evaluation of sister chromatid exchange in patients with breast cancer in relation to clinical stage .

Journal of Wasit for science and medicine Vol.4(20);2011

14. A triple translocation in childhood acute lymphoblastic leukemia

Journal of Wasit for science and medicine Vol.6(1);2013

**15. SNP OF *CRP* GENE AND RISK OF TYPE 2 DIABETES
MELLITUS IN UKRAINIAN POPULATION**

Journal of 9th international conference of genetics Ukraine 2012

16. Structure of Ukrainian population on SNP rs3093059 of C-reactive protein gene

**Journal of V.N.Karazin Kharkov national university ISSN 0453-8048
Volume No: 982 Series Biology issue15, 2012.**

17. Structure of Ukrainian population on SNPs *1137101* of leptin receptor gene *LEPR*

**18.CHROMOSOME STUDY FOR LEUKEMIA: A REVIEW ON
LABORATORY TECHNIQUE Adv. Lab Med Int. 2012; 2(2): 67 – 77**

**19.Species identification and strain differentiation of dermatophyte by
(GACA)₄-based PCR
Iraqi Journal of science Vol.55(38):1249-1254;2014**

**20.Evaluation of sister chromatid exchange in patients with type-
2diabetes mellitus**

Journal of Wasit for science and medicine .Vol.4(2):8-11;2011

**21.A triple translocation in childhood acute lymphoblastic Leukemia
Journal of Wasit for science and medicine .Vol.6(1):38-44;2013**

**22.Mutational changes at HPRT gene locus in type -2 diabetes mellitus
Journal of the college of Education-Special issue of tenth international
scientific conference 2017.**

**23.Characterization of a new case of variant translocation t(9;22) in
chronic myeloid leukemia by fluorescence in situ hybridization (FISH)
Journal of the college of Education.28:609-620;2017.**

**24.Human'' C-Reactive Protein (CRP) 1919 A/T'' Polymorphism in
Patients with Breast Cancer**

**International Journal of Progressive Sciences and Technologies
(IJPSAT) Vol. 6 No. 1 December 2017, pp. 40-43**

**25.Assessment of BCR/ABL fusion gene in childhood acute
lymphoblastic leukemia**

Intellectual Archive Vol. 6, No. 6, November/December 2017

26.SNP *rs1137 101* LEPTIN RECEPTOR GENE *LEPR* AS A RISK FACTOR FOR TYPE 2 DIABETES

American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS) Vol 38, No 1 (2017).

27.Evaluation of lipid profile in patients with type-2diabetes mellitus

28.Assessment of lipid profile in patients with hypertension

29.Detection of cariogenic bacteria by 16sRNA

30.Detection of GTFB gene in Streptococcus species

31.Lipid profile in patients with breast cancer

32.EvaluationApolipoprotein E levels in patients with breast cancer

33.Arylhydrocarbon gene receptor polymorphism in patients with breast cancer

34.Apolipoprotein E polymorphism in patients with breast cancer

35. Cytogenetic study of type 2 diabetes mellitus

36. Genomic instability in blood and tissue from patients with breast cancer by RAPD analysis.

Journal of biotechnology research center.Vol4(1):2010

Scientific conferences

First scientific conference of biotechnology center-Al Nuhraim university 2008

Second scientific conference of Wasit university2009

third scientific conference of Wasit university2010

9th international conference of genetics Ukraine 2012

6th international; conference of college of education –university of Wasit-Iraq 2013

7th international; conference of college of education –university of Wasit-Iraq 2014

8th international; conference of college of education –university of Wasit-Iraq 2015

9th international; conference of college of education –university of Wasit-Iraq 2016

10th international; conference of college of education –university of Wasit-Iraq 2017

Books

Genetics of prostate cancer 2008

Cancer –cellular series 2009

Academic positions:

Lecturer in the department of biology –college of science since 2000 till 2012

Director of missions and cultural relations in presidency of Wasit university

Dean –assistant in college of agriculture –university of Wasit

Head of department of biology –college of education from 2012 till 2018.

Chairman of the Scientific Promotion Committee at College of Education for pure sciences for the period 21/10/2018 until now.