



C.V

Name: Dr. Rafid Abdulwahid AbdulKareem Mossawi

DOB : 20/June /1969

General Specialization: Genetic engineering and Biotechnology

Specific Specialization: genetic Engineering

Scientific Degree: assistant Professor

Languages: English /Arabic ,French

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<https://scholar.google.com/citations?user=3f06U2gAAAAJ&hl=en>

 **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.in genetic Engineering	Baghdad	College of Science	1993
M.Sc. in genetic Engineering	Baghdad	College of Science	2002
Ph.D.in genetic Engineering	Baghdad	College of Science	2014

 **Second, Career:**

No.	Career	Workplace	From –To
1	Baghdad university	Al Khwarizmi college of engineering ,Biochemical Dept.	2003-2017
2	Baghdad university	Institute of Genetic Engineering and Biotechnology for Post Graduate Studies	2017-2019

 **Third, University Teaching.**

No.	University	The (Institute / College)	From –To
1	Baghdad	Al Khwarizmi college of .engineering ,Biochemical Dept.	2003-2017
2	Baghdad	Genetic engineering institute	2017-2019

 **Fourth, Courses Which You Teach:**

No.	Department	Subject	Year
1	Biochemical engineering	Biology,Biochemistry,GeneticEngineering	2003-2018

■ **Fifth, The invention and patents :**

1-Patents : No .4453 in 9/11/2015 : production of Human insulin gene in Backing yeast .

2- Patents: No: 5159 in 30/3/2016: Study of IL-5 (rs4526098 A/G) gene polymorphisms as a new parameter to diabetes Mellitus occurrence

■ **Sixth. Publications:**

- 1- Rafid. A ,Abdulkareem. LDH and AP enzymes evaluation in cancer patients. 2008, *vol(1) ,magazine for Cancer and Medical Genetics Research.*
- 2- Rafid. A ,Abdulkareem . Detection of blyomycin from streptomycin as antitumor agent. *Biotechnology research magazine, vol(1),2007 .*
- 3- Rafid. A ,Abdulkareem . Depleted uranium effects on human blood in southern of Iraq .J- *Iraqi community medicine, vol (22),(4),2009.*
- 4- Electromagnetic field effects on human blood lymphocytes, *Iraqi, J,med,sci 2009(7) .22 .*
- 5- Rafid. A ,Abdulkareem . Study the genetic aberration in southern of Iraq after war 2003. (2009),) *,magazine for Cancer and Medical Genetics Research.vol(2)p23-32*
- 6- Rafid. A ,Abdulkareem Effects of crude saponin from al-jatt on cancer cell lines, *JNUS /2009, vol(12) .*
- 7- Rafid. A ,Abdulkareem Effects of high power line on human chromosome in Baghdad, , *Iraqi ,J,sci 2009,vol(4) .*
- 8- Rafid. A ,Abdulkareem Chromosome aberration in women with RSA. *Al-mustansrya ,J,sci,vol(6) 2010.*
- 9- Rafid. A ,Abdulkareem . Bioactivity of recombinant human insulin produced by *PICHTIA PASTORIS .wjpr.net Vol 3, Issue 8, 2014.*
- 10- Rafid. A ,Abdulkareem. invitro cytotoxicity study on recombinant human insulin produced in *pichia pastoris, International Journal of Advanced Research (2014), Volume 2, Issue 9, 825-833*
- 11- Rafid. A ,Abdulkareem. Xylanase production using fruit waste as cost effective carbon from thermo- tolerant *B acillus megaterium. African Journal of Microbiology Research,), Volume 8, Issue 38, 3463 -32470 .*
- 12-Rafid. A ,Abdulkareem . Optimization of enzymatic conversion of waste office paper using response surface methodology for bioethanol production. *Biochemical and Cellular Archives 2018 Vol.18 No.Suppl. 1 pp.1389-1395 ref.33*
- 13- Rafid. A ,AbdulKareem Cloning and Expression of Recombinant Human insulin gene in *Pichia Pastoris. International Journal of Pharmaceutical Quality Assurance.2018; 9(5).*

- 14- Rafid. A ,Abdulkareem .The relationship between pathological history and interleukin 17 in patients with autism. *Journal Biochemical and Cellular Archives. V. 19, Issue 1, 2019.Pages:49-53.*
- 15- Rafid. A, Abdulkareem - Efficiency of primer design tools in evaluation of two molecular methods to detect two SNPs related with Atherosclerosis. *MJBMB, 2019, 2, 17 – 20.*
- 16- Rafid. A ,Abdulkareem . Vitamin D receptor gene mutation and vitamin D levels in children have autism spectrum disorder.*Ijpr.2018.v.45, Issue 1.*
- 17- Determination of Diazinon in fruit samples using electrochemical sensor based on carbon nanotubes modified carbon paste electrode .*Biocatalysis and Agricultural Biotechnology , 20 (July 2019, 101245)*
- 18- EFFICIENCY OF PRIMER DESIGN TOOLS IN EVALUATION OF TWO MOLECULAR METHODS TO DETECT TWO SINGLE NUCLEOTIDE POLYMORPHISMS RELATED WITH ATHEROSCLEROSIS RA .*MALAYSIAN JOURNAL OF BIOCHEMISTRY & MOLECULAR BIOLOGY 2 (1), 17-20*

■ **Seventh , Membership:**

- **Human right organization**
- **Environment protection society**
- **Microbiology society**