***Curriculum Vitae***

**Dr. Israa Hussein Hamzah**

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**Personal Summary:**

**Name:** Israa Hussein Hamzah

**Address:** Baghdad – Iraq

**Gender:** Female

**Nationality:** Iraqi

**Marital State:** Married and have two daughters

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**Date & Place of Birth:** Nov. 3, 1982 / Babylon – Iraq

**Languages:** **(1)** Arabic (Mother tongue)

**(2)** English (Speak, Read & Write: good)

**Current lecturer in biology dept. /College of Science/ Al-Mustansiriyah University**

**Date of employment:** 24/4/2006

**Education:**

* Ph.D. Molecular genetic / al-mustansiriyah university/ college of science/ biology department- zoology/ 2015
* M.Sc. cytogenetic / al-mustansiriyah university/ college of science/ biology department- zoology/ 2011
* B.Sc. biotechnology// al-mustansiriyah university/ college of science/ biology department- zoology/ 2005

**ACADEMIC HONORS AND AWARDS:**

* Got a grant from the ministry of Higher Education which “ a research graduate students support inside the Iraq”
* Got numbers of thanks latters from president of al-mustansiriyah university
* Got thanks latter from president of ministry of higher education and scientific research
* Got thanks latter from president of the National Center Hematology , Al-Mustansiriyah University
* Got thanks latter from president of Babylon university

**ACADEMIC /TEACHING EXPERIENCE:**

* Giving training courses in different laboratory techniques
* Giving training courses in PCR and real time PCR technique
* Giving training courses in sequencing analysis and submit or registration in NCBI
* Giving training courses in primer design by using different software
* Giving training courses in animals tissue culture in vitro
* Giving training courses in biosafety and biosecurity
* Technical experience and skills with computers such as excellent user in Microsoft programs also competences with specific types of laboratory equipments like: microtome ,fluorescent microscope , thermal recycler PCR, inverted microscope, water bath, centrifuge, laminar flow hood , shaker incubator and many others.

**COURSES TAUGHT:**

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| **Undergraduate** | **Graduate** |
| * Genetic (academic / practical) * Micro techniques (academic / practical) |  |

**PROFESSIONAL AFFILIATIONS:**

* Member in examination committee/ biology dept. in 2015-2016 and still
* Member in central hardware pricing committee in 2015-2016
* Member in media and public relations committee in 2015-2016
* Member in popular mobilization forces committee in 2015-2016

**PUPLICATIONS:**

* Published a paper in the Al-Mustansiriya Journal of science at Al-Mustansiriya university, this research named “Effect of hot aqueous extract of the fungus agaricus bisporus on cancer and normal cell line in vitro” and it was published in vol-21, No.4, page 80-95., 2011. And other publish papers which are
* In – vitro Antimicrobial Activities Extracts of Myrtus communis L. and Cyperus rotundus L.
* Study the production of beta lactamase enzymes from enterobacteriaceae which isolated from German cockroach in some Baghdad hospital. .
* Effect of Crude Extract of the Fungus Agaricus bisporus on Cancer and Normal Cell Lines (In vitro) and (In vivo).
* Published a paper in the world Journal of pharmaceutical research with impact factor 5.99 this research named “DETECTION OF (BNRF1) GENE OF EBV IN HODGKIN’S LYMPHOMA IRAQI PATIENT BY REAL TIME PCR” and it was published in vol-4, issue- 6.
* Publish a paper in the Iraqi Journal of Biotechnology , this research named “association of t(14:18) chromosomal translocation to Hodgkin’s lymphoma in Iraqi patients”
* Registration some samples of thesis project in the international sites for bioinformatics which are NCBI, EMBL, DDBJ, EMBL
* Got patent named “Laboratory production for nine types of chromosomal translocation t (14;18) that associated with different types of lymphoma cancer, 2016
* Book published by lambert academic publishing / Germany 2016

**PROFFESSIONAL DEVELOPMENT**

* Conferences and workshops
* Participate in The 7th scientific conference, college of science, Al-Mustansiriyah university, 2011.
* Participate in the 8th scientific conference, college of medicine AL-Nahrain university, 2013
* Get a participation certificate for “Bio risk management” workshop with CRDF
* Get a participation certificate for “FISH” workshop college of Medicine, Al-Nahrain university
* Get a participation certificate for “ Real time PCR” training, Biorad manufacturer company
* Get Participate certificate in the 1st international conference on biology in Iraq, Baghdad University
* And there are many certificate for participate in many workshop and seminar in the biology department