***Curriculum Vitae***

**Amal Mohammed Ali**

***Mustansiriyah University – Iraqi Center for Cancer and Medical Genetics Research***

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***Mobile****: +9647901990240*

***Email****:* [amal.ma@uomustansiriyah.edu.iq](mailto:amal.ma@uomustansiriyah.edu.iq)

[amal.ali@iccmgr.org](mailto:amal.ali@iccmgr.org)

**Introductory summary:**

* Birth: Baghdad 30/6 /1970
* Certificate: - Master of biotechnology / Cytogenetic
* PhD in biology / biotechnology / Molecular cytogenetic
* Date of appointment at Mustansiriyah University : 13/6/1998

**Personal Summary:**

* Interest in Cytogenetic and animal Molecular genetic

**Education:**

1- PhD Biotechnology /College of Biotechnology / Al Nahrin University, 2021.

2- M.Sc. in biotechnology- Cytogenetic from College of Biotechnology / Baghdad University 2005.

**Scientific title:**

Lectural

**ACADEMIC /TEACHING EXPERIENCE:**

- Certified trainer in the field of animal tissue culture through specialized scientific courses. - Certified trainer in the field of chromosomal analysis.

- Certified evaluator in local journals and Scopus journals.

**COURSES TAUGHT:**

|  |
| --- |
| **Undergraduate** |
| Animal tissue culture  Molecular biology  Cytogenetic |

**PROFESSIONAL AFFILIATIONS:**

- Vice chairman of the Experimental therapy department / Iraqi Center for cancer and medical genetics research from 2005 to 2006.

- Chairman of the cancer department / Iraqi Center for cancer and medical genetics research / from 2006 to 2007.

- Chairman of the medical genetic department / Iraqi Center for cancer and medical genetics research / from 2007 to 2010.

- Vice Chairman of the Medical Genetic department / Iraqi Center for cancer and medical genetics research / from 2012 to 2017 .

- Vice Chairman of the Medical Genetic department / Iraqi Center for cancer and medical genetics research / from 2021 Until November 2023.

- Chairman of the medical genetic department / Iraqi Center for cancer and medical genetics research / from Nov.2023 until now.

**PUPLICATIONS:**

**Research published in local journals: 18**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Article title** | **journal** | **number** | **Volume** | **pages** | **Publication date** |
| 1 | Chromosomal analysis in fetuses by using prenatal diagnosis . •  technique | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY |  |  |  | 2006 |
| 2 | Study of clonal evolution to Larynx carcinoma cell  Line HEp-2. | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY |  |  |  | 2008 |
| 3 | Study the effect of secretion on Larynx carcinoma cell Line | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY |  |  |  | 2008 |
| 4 | CYTOTOXICITY EFFECT OF AQUEOUS EXTRACT OF BRASSICA  RAPA ROOTS ON CANCER CELL LINES IN VITRO | Iraqi journal of science | 51 | 4 | 550-560 | 2010 |
| 5 | Cytotoxic effect of Azurin Produced from Pseudomonas  aeruginosa Ps21 on cancer cell lines (Hep-2 and AMN-3 | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY | 3 | 2 | 59-64 | 2010 |
| 6 | Chromosomal aberrations and N-ras activation in human larynx  carcinoma cell line Hep-2. | Umm Salamah journal of Science/ University of Baghdad | 5 | 2 | 1-7 | 2008 |
| 7 | Study of Genetic Aberrations of Sex Chromosome for Turner Syndrome in Periphera | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY | 1 | 4 | 83-88 | 2011 |
| 8 | investigation for the effect of crude aqueous extract of  Achillea Fragrantisime on the cytotoxicity of different cancer cell line | investigation for the effect of crude aqueous extract of  Achillea Fragrantisime on the cytotoxicity of different cancer cell line | 1 | 7 | 86-91 | 2014 |
| 9 | Down Syndrome Mosaism in Samples of Iraqi Patients | Journal of Biotechnology Research Center | 1 | 9 | 62-66 | 2015 |
| 10 | Brain trophy in Iraqi children ssociated with chromosome 6 •  abnormlity | Alnahrin Journal of Al-Nahrain University Science | 4 | 17 | 181-188 | 2014 |
| 11 | Triple X syndrome and various abnormlity of 3q in Iraqi •  women :cse report | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA | 7 | 1 | 11-15 | 2014 |
| 12 | Multi autosoml chromosome aberrations role in primry •  amenorrhea | Iraqi Journal of Cancer and Medical Genetics / Iraqi Center for Cancer and Medical Genetics research / MUSTANSIRIYA UNIVERSITY | 1 | 7 | 44-48 | 2014 |
| 13 | Cytogenetic Study of Leukemic Stem Cells in a sample of Iraqi Patients with Acute Myeloid Leukemia | Thesis of ph D |  |  |  | 2021 |
| 14 | Genetic Polymorphism of IFNA1 and IFNAR1 Genes in Covid-19 Iraqi Patients‏ | Al-Nahrain Journal of Science | 1 | 26 | 50-55 | 2023 |
| 15 | Role of MicroRNAs as Diagnosis and Prognosis Biomarkers in Iraqi Patients with Acute Myeloid leukemia” | Biochem. Cell. Arch. | 2 | 21 |  | 2021 |
| 16 | Chromosomal Aberration for Diagnosis and Prognosis of  Acute Myeloid Leukemia Iraqi Patients | NeuroQuantology | 19 | 6 | 115-121 | 2021 |
| 17 | **Cytogenetic study for Iraqi patients with epilepsy: Cytogenetics of epilepsy patients** | **Iraqi Journal of Cancer and Medical Genetics** | 16 | 1 | 33-39 | **2023** |
| 18 | **Genetic Polymorphism of IFNA1 and IFNAR1 Genes in Covid-19 Iraqi Patients** | **Al-Nahrain Journal of Science** | 26 | 1 | 50-55 | 2023 |
| 19 | **Seminal Fluid parameters abnormality in a sample of Iraqi Infertile Males** | **Bionatura** | 2 | 8 | 1-8 | 2023 |
| 20 | **Chromosomal Abnormalities in Chromosome 5 and Chromosome 8 in Iraqi Patients with Acute Myeloid Leukemia: chromosomal aberrations in AML iraqi patients** | **Iraqi Journal of Cancer and Medical Genetics** | 17 | 1 | 65-71 | 2024 |
| 21 | **Investigation the Role of Toll-like Receptor-9 gene and miR-155 Expression levels in Acute Myeloid Leukemia via Quantitative Real-time PCR.** | **Iraqi Journal of Cancer and Medical Genetics** | **17** |  |  | 2024 |
| 22 | The Impact of VDR-FokI Polymorphism in Iraqi Patients with Prostate Cancer and Prostate Benign Hyperplasia | **Baghdad Science Journal** |  |  |  | 2024 |

**Book Writing / Translation: Writing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Book name** | **Book type** | **Publication date** | **notes** |
| 1 | Safety index |  | 2023 |  |

**PROFFESSIONAL DEVELOPMENT:**

**Participate in conferences, lecture at seminars, or workshops:**

|  |  |  |  |
| --- | --- | --- | --- |
| Venue | date | Title of Seminar, Workshop or Conference |  |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 5/6/2020 | Role of vitamin D3 in cancer treatment and prevention workshop | 1 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 25/6/2020 | Chromosomal examination foundations and concepts, and how to write test results / workshop | 2 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 2012 | Intersex | 3 |
| Biotechnology center / Al Nahrain university | 2015 | InterSex | 4 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 2022 | مواصفات المختبر الجيد | 5 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 2023 | سرطان عنق الرحم اسبابه والكشف المبكر والوقاية | 6 |
| Biotechnology College Al-Nahrin university | 2024 | سرطان عنق الرحم اسبابه والكشف المبكر والوقاية | 7 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 2023 | الجديد في التقنيات المساعدة على الانجاب | 8 |
| جامعة اوروك الاهلية | 2025 | المسارات البحثية للاقسام العلمية في المركز العراقي لبحوث السرطان والوراثة الطبية | 9 |

***السيرة الذاتية***

**م. د. امال محمد علي**

***الجامعة المستنصرية –المركز العراقي لبحوث السرطان والوراثة الطبية***

***Mobile****:* +9647901990240

**Email**: [amal.ali@uomustansiriyah.edu.iq](mailto:amal.ali@uomustansiriyah.edu.iq)

****ملخص تعريفي** **:**

**التولد**: بغداد- 30\6\1970

**الشهادة**: - ماجستير علوم حياة / اختصاص وراثة خلوية

- دكتوراه تقنيات احيائية / علم الوراثة /الاختصاص الدقيق وراثة خلوية وجزيئية

**تاريخ التعيين في الجامعة المستنصرية**: 13/6/1998

**تاريخ الحصول على الشهادة**: ماجستير بتاريخ 16/1/2005

دكتوراه بتاريخ 3/11/2021

**اللقب العلمي** : مدرس

**المؤهلات العلمية**: - مدرب معتمد في مجال تحضير الكروموسومات

- مدرب معتمد بقراءة وتشخيص كروموسومات الانسان

- مقيم معتمد في مجلات محلية مصنفة ضمن سكوبس

**الشهادات الدراسية:**

* Ph.D. #1: : جامعة بغداد / كلية التقنيات الاحيائية /2021
* M.Sc. #2: : جامعة بغداد / كلية العلوم / قسم التقنيات الاحيائية / 2005

**المقررات الدراسية التي تم تدريسها:**

|  |  |
| --- | --- |
| **الدراسات الأولية** | **الدراسات العليا** |
| زراعة انسجة حيوانية  وراثة خلوية  انسجة | cytogenetics |
|  |  |

**تطوير المهارات:**

**المؤتمرات والندوات وورش العمل التي اقامها فيها منذ الحصول على اول لقب علمي:**

|  |  |  |  |
| --- | --- | --- | --- |
| Venue | date | Title of Seminar, Workshop or Conference |  |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 5/6/2020 | Role of vitamin D3 in cancer treatment and prevention workshop | 1 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 25/6/2020 | Chromosomal examination foundations and concepts, and how to write test results / workshop | 2 |
| Iraqi center for cancer and medical genetics research/ Mustansiriyah University | 2012 | Intersex |  |
| Biotechnology center / Al Nahrain university | 2015 | Inter Sex | 3 |