

C.V.

Photo

Name: Amel Mustafa Maki

Date of Birth: 3rd October 1951

Religion: Muslim

Martial statues: Married

No. of children: Three

Specialization: Zoology

Position: Assistant Professor

Scientific Degree: Ph.D.

Work Address: Laser Institute for postgraduate studies

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First, Scientific Certification:

Degree science	University	College	Date
B.Sc.	University of Baghdad	College of Science	1972
M.Sc.			
Ph.D.	University College Dublin	Science Faculty	1986
Any other			



Second, Career:

No.	Career	Workplace	From –To
1	Technical Trainer	Institute of Technology	1972-1973
2	Research Assistant	Institute of Scientific Welfare	1973-1977
3	Teacher of Biology in High School.	Tripoli, Libya	1977-1980
4	Demonstrator in undergraduate laboratories.	Zoology Dept., University College, Dublin.	1981-1986
5	Experimental Research and Completion of Ph.D.	Zoology Dept., University College, Dublin.	1980-1985
6	Post-Doctoral Research Assistant.	Dept. of Physiology, Faculty of Medicine, U.C.D.	1986

7	University lecturer.	Dept. of Biology, Faculty of Science, Al-Mustansiriya University. Baghdad.	1986-2006
8	Post-Doctoral Researcher.	Dept. of Zoology, Science Faculty, University College, Dublin.	2006-2009
9	University Lecturer and Department Coordinator	Institute of Laser for Postgraduate Studies, University of Baghdad.	2009-

Third, University Teaching.

No.	University	The (Institute / College)	From –To
1	Al-Mustansiriya University.	College of Science.	1986-2006
2	University of Baghdad	Institute of Laser for Postgraduate Studies.	2009-

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
1	Biology	General Biology	1986-2006
2	Biology	Entomology	1986-1992
3	Biology	Medical Entomology	1993-2004

4	Biology	Biostatistics	1990-2006
5	Psychology	Genetics	1988-1990
6	Institute of Laser for Postgraduate Studies.	Biostatistics	2009-
7	Institute of Laser for Postgraduate Studies.	Advanced Cell Biology	2010-



Fifth, Thesis which was supervised by :

No.	Thesis Title	Department	Year
1	A study on the effect of Nitrogen Laser Beam on the bioaspects of protoscolices of <i>Echinococcus granulosus</i> that causes Hydatid disease.	Biology	1997
2	Effect of <i>Euphorbia granulate</i> Forssk extracts on the biological performance of <i>Culex pipiens</i> L. (Diptera:Culicidae)	Biology	1998
3	An Epidemiological Study and some aspects of pathological infection with <i>Blastocystis hominis</i> in Baghdad.	Biology	2002
4	Diagnosis of <i>Schistosoma haematobium</i> infection using serological methods and its relation with dermatoglyphics phenotype in Baladrooze school students.	Biology	2002
5	Diabetes Mellitus and the concentrations of cortisol and prolactin as indicators for psychological stress.	Biology	2003

6	Study the effect of some chemical compounds on <i>Giardia lamblia</i> parasite-experimental study in vitro and in vivo.	Biology	2004
7	The effect of Trigonella seeds and Horse tail plant on kidney of hamster animals which treated by HgCl ₂ .	Biology	2005
8	Some haematological changes associated with Peptic Ulcer.	Biology	2005
9	Effect of Diode laser 650 nm and Nd:YAG laser 532 nm on the growth of <i>Candida albicans</i> with and without photosensitizers.	Biology	2011
10	Effect of Q-Switched Nd:YAG Laser on some virulence factors of <i>Pseudomonas aeruginosa</i> in the presence of Safranin O	Biology	2013
11	Advanced confocal laser scanning microscopy imaging in assessment of metabolic changes in human epithelial cells (MCF 10A)	Biology	2013
12	Effects of Low Level Laser Irradiation on Monoclonal Antibodies Production and Proliferation Activity of Chinese Hamster Ovary Cells	Biology	2013
13	Effects of 532 nm Diode Pumped Solid State (DPSS) Laser on growth of photosensitized <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> in vitro	Biology	2014
14	The Effects of Laser Irradiation on the Expression of Heat Shock Proteins in Leukaemic Cell Line Cells	Biology	2014



Sixth, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	The Sixth Scientific Conference of Science College, Al-Mustansiriyyah University.	2005	College of Science	Presentation
2	Symposium on Quality Assurance and Management in the University.	2011	University of Baghdad	Attendance
3	The First International Conference of Genetic Engineering.	2011	Univ. of Baghdad	Attendance
4	Workshop of Health and Safety in Biology Laboratories.	2011	Dept. of Biology/ College of Science/ Univ. of Baghdad.	Lecturer



Seventh, Scientific Activities:

Within the College	Outside the College



Eighth, Research Projects in The Field of Specialization

to The Environment and Society or the Development of

Education:

No.	Research Title	Place of Publication	Year
1	Root-mediated effects in carrot resistance to carrot fly, <i>Psila rosae</i> .	Journal of Chemical Ecology, Vol. 15, pp. 1867-1881.	1989
2	Isolation, Identification, and Bioassay of Chemicals Affecting Nonpreference Carrot-Root Resistance to Carrot-Fly Larva.	Journal of Chemical Ecology, Vol. 15, pp. 1867-1881.	1989
3	Factors affecting the prevalence of head lice <i>Pediculus humanus capitis</i> De Geer (Anoplura: Pediculidae) in Baghdad: A Primary Schools Survey.	Mustjsci, Vol. 10, No. 1, pp.1-10	1999
4	Study the effect of nitrogen laser on bioaspect of protoscolices of <i>Echinococcus granulosus</i> In Vitro.	Mustjsci, Vol. 11, No. 1, pp. 11-25	2000
5	Effect of He-Ne laser on survival and evagination of protoscolices of human hydatid cysts using external chromophores.	Mustjsci, Vol. 12, No. 1, pp. 140-150	2000

6	Alkaloids of <i>Euphorbia granulate</i> , forssk, Affecting Development, Survival, Fertility, and Fecundity of Mosquito, <i>Culex pipience</i> L. (Diptera:Culicidae).	Journal of Babylon University, Basic and Applied Sciences, Vol. 7, pp.663-669.	2002
7	Aquatic macroinvertebrate biodiversity of a constructed wetland system two year post construction.	Bulletin of the Irish Biogeographical Society. No. 34. pp. 128-138.	2010
8	Different bioindicators measured at different spatial scales vary in their response to agricultural intensity	Ecological Indicators. Vol. 18, pp. 676-683	2012
9	Effects of 650 nm Diode Laser and 532 nm Frequency-Doubled Q-Switched Nd:YAG Laser on the Growth of <i>Candida albicans</i> , with and without Photosensitizers	Iraqi J. Laser, Part B, Vol. 12, pp.21-27	2013
10	The Combined Effect of Q-Switched Nd:YAG Laser (532 nm) and Safranin O on the Growth of <i>Pseudomonas aeruginosa</i> and its	Iraqi J. Laser, Part B, Vol. 12, pp.33-40	2013
11	Enhancement of monoclonal antibody production in CHO cells by exposure to He-Ne laser radiation	Cytotechnology DOI 10.1007/s10616-013-9625-8	2013

12	Cell Cycle Response to Low Power Laser Irradiation in Jurkat E6.1 T-lymphocyte Cell Line	Journal of Biology, Agriculture and Healthcare. Vol.4, No. 11, pp 58-64	2014
13	Low-power laser irradiation effects on cell proliferation and viability of cultured jurkat E6.1 T-lymphocyte leukemia cell line	Journal of Genetic and Environmental Resources Conservation. Vol.2, No. 1, pp 120-125	2014
14	Multiphoton fluorescence lifetime imaging microscopy reveals free-to-bound NADH ratio changes associated with metabolic inhibition	Journal of Biomedical Optics. Vol.19, No. 8. pp 086016	2014



Ninth, Membership:



Tenth, Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1	Evaluation of effort	President of Baghdad University	2011
2	Reward	President of Baghdad University	2011

3	Acknowledgment	Dean of Institute of Laser for Post Graduate Study	2011
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Eleventh, Scientific literature:

No.	Scientific Literature Title	Year of The Publication



Twelfth, languages:

- ✓ Arabic
- ✓ English

***Note: - Make a copy on CD.**