

Curriculum Vitae

Lecturer: رعد جاسم فياض

Mustansiriyah University – College of Science

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PERSONAL SUMMARY:

Baghdad, August 1984 ,Married with two children

lecturer in biology department college of Science dealing with algology, phytochemicals and molecular biology

EDUCATION:

- M.Sc. : *Al-Mustansiriyah* University (M.Sc in Botany) 2016-2017.
- B.Sc. : *Baghdad* University (B.Sc. Honours in Microbiology) 2005-2006.

ACADEMIC /TEACHING EXPERIENCE:

- #1: Teaching at *Al-Mustansiriyah* University, Collage of Science, Dep. Biology Iraq

COURSES TAUGHT:

Undergraduate	Graduate
• General Botany.	
• Algae physiology.	
• Phycology.	
• Plant Genting engineering	

PROFESSIONAL AFFILIATIONS:

- Many Committees from ministry of biology department /College of Science *Al-Mustansiriyah* University.

PUBLICATIONS:

- **Thesis.**
- "*Fayyad, R. J., 2016, Molecular and Environmental Studies of Some Algae in Three Drinking Water plant Stations in Baghdad Province.M.Sc, Al-Mustansiriyah* University."

- **Papers.**

- *Fayyad, R.J. and Dwaish, A.S. (2016a). Examination the growth of blue green alga, Chroococcus turigidus in different traditional media formulations, Iesj, 22(95): 51-60*
- Fayyad, R.J. and Dwaish, A.S. (2016b). Modified protocol of DNA extraction Comparison with other extraction methods for polymerase chain reaction analysis of genomic DNA from Cyanophyceae isolates advances in environmental biology, 10(9): 77-82.
- Fayyad,R.J.; Mohammed Ali,A.N. Dwaish,A.S &Abed Al- Abboodi,A.K(2019). ANTICANCER ACTIVITY OF SPIRULINA PLATENSIS METHANOLIC EXTRACTS AGAINST L20B AND MCF7 HUMAN CANCER CELL LINES.plant archives,19(1); 1419-1426
- Hameed, R.S.; Ahmed, S; Nuaman, R.S; Fayyad,R.J. (2018). Synthesis Myconanoparticles by using Metarhizium anisopliae as a biological management for *Culex pipiens*. International Journal of Biosciences, Vol. 12, No. 6, p. 323-333.
- Mohammed-ali AN, Fayyad R J ,Dwaish AS,and Al-aboodi AK.cytotoxic effect of methanolic extract of Morenga oleifera leaves on two cancer cell lines in vitro.Bioscience researches. . 2019. ; 16(2): 1214-1222
- Fayyad, R .J.;Numan, R.S.;Hamdn,N.T; Hameed,R.S. and Maliki,S.A.J.2020. Assessment of antagonistic effect of alcoholic extract from cyanophyta (Spirulina platensis) against several human and plant derived pathogenic fungi. Indian Journal of Forensic Medicine & Toxicology,14(1):703-709.
- Raghad J. Fayyad, Sahira Nsayef Muslim, Alaa Naseer Mohammed Ali.2020. APPLICATION STRATEGIES FOR USING FUNGI AND ALGAE AS BIOREMEDIATORS: A REVIEW. Plant Archives Vol. 20 Supplement 1, 2020 pp. 788-792

PROFESSIONAL DEVELOPMENT

- **Workshops.**
- Participated at workshop(Real-time PCR) held in college of science-Mustansiriyah university (2016)
- Participated at workshop(using end-note soft wear in scientific writing) held in college of science-Mustansiriyah university (2018)
- Lecture at workshop(nutritional and therapeutic advantages of seaweeds) held in college of science-Mustansiriyah university (2019)
- Lecture at workshop (cyanotoxins) held in college of science-Mustansiriyah university (2019)

Patents براءات اختراع

- 1- Modified protocol of DNA extraction methods Comparison with other extraction for polymerase chain reaction analysis of genomic DNA from Cyanophyceae isolates
- 2- New approach for synthesis of TiO₂ nanoparticles by using Banana peel extract and investigate its antibacterial and insecticidal activity
- 3- Preparation of a new natural material extracted from *Leuconostoc mesenteroides* to overcome industrial paints in inhibiting bacterial and molds growth that cause wet walls to decay