

Curriculum Vitae

Lecturer: Raghad J Fayyad

Mustansiriyah University – College of Science

Email:

raghadjasim@uomustansiriyah.edu.iq

PERSONAL SUMMARY:

Baghdad, August 1984 , Married with two children

Lecturer in biology department college of Science dealing with algology, therapeutic phytochemicals , Nano- Bioscience and molecular biology

EDUCATION:

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

ACADEMIC /TEACHING EXPERIENCE:

: Teaching at *Mustansiriyah* University, Collage of Science, Dep. Biology Iraq

COURSES TAUGHT:

Undergraduate	
Graduate	
<input type="checkbox"/> General Botany.	1 st under graduate
<input type="checkbox"/> Algae physiology.	4 th under graduate/ branch of botany
<input type="checkbox"/> Phycology.	2 nd under graduate
<input type="checkbox"/> Plant Genting engineering	4 th under graduate/ branch of botany

PROFESSIONAL AFFILIATIONS:

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

Communication data

ORCID Link: <https://orcid.org/0000-0001-7543-731X>

Research gate link: https://www.researchgate.net/profile/Raghad_Fayyad

Google scholar link

https://scholar.google.com/citations?hl=ar&user=H541p3UAAAAJ&view_op=list_works&gmla=AJsN-F4SK9Zcnnf-SyE5BLfPF

publons link: <https://publons.com/researcher/4316361/raghad-fayyad/>

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)
- ☐ Lecturer at workshop(nutritional and therapeutic advantages of seaweeds) held in college of science-Mustansiriyah university (2019)
- ☐ Lecturer at workshop (cyanotoxins) held in college of science-Mustansiriyah university (2019)
- ☐ Lecturer at workshop (the role of algae in regulating the earth climate) held in college of science-Mustansiriyah university (2021)

Publications:

- ☐ **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.

- Fayyad,R.J. Muslim,S.N. Mohammed Ali, A.N.2020. APPLICATION STRATEGIES FOR USING FUNGI AND ALGAE AS BIOREMEDIATORS: A REVIEW. Plant Archives Vol. 20 Supplement 1, 2020 pp. 788-792
- Muslim, S.N. Mohammed Ali, A.N. and Fayyad, R.J.2021. A Novel Culture Medium Using Lettuce Plant (Lactuca Sativa) For Detection of Pullulanase Production by Paenibacillus Macerans Isolated from Agricultural Wastes A Novel Culture Medium Using Lettuce Plant (Lactuca Sativa) For , . Phys.: Conf. Ser. 1818 012034. Detecti. <https://doi.org/10.1088/1742-6596/1818/1/012034>

Registered patents :

- 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
- 2- 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
- 3- Production of a novel enzymatic detergent and disinfectant from bacteria Paenibacillus macerans by using medium containing cabbage (Brassica oleracea) as a new carbon source

السيرة الذاتية

م.رغد جاسم فياض

قسم علوم الحياة/كلية العلوم/الجامعة
المستنصرية

Email:

raghadjasim@uomustansiriyah.edu.iq

المعلومات الشخصية:

مواليد بغداد 1984 , متزوجة ولديها اثنان من الاولاد.

مجالات الاهتمام :

علم الطحالب, المركبات الايضية الصيدلانية, النانوتكنولوجي الحيوي ,البايولوجي الجزيئي

الشهادات الحاصلة عليها:

بكلوريوس علوم حياة-احياء مجهرية /كلية العلوم/جامعة بغداد. 2006-2005

ماجستير علم النبات/كلية العلوم/الجامعة المستنصرية. 2017-2016

المواد التي يقوم بتدريسها

الدراسة الاولى	
المرحلة الاولى	<input type="checkbox"/> علم النبات العام
المرحلة الرابعة	<input type="checkbox"/> علم فسلجة الطحالب
المرحلة الثانية	<input type="checkbox"/> علم الطحالب العام
المرحلة الرابعة	<input type="checkbox"/> الهندسة الوراثية للنبات

PROFESSIONAL AFFILIATIONS:

☐ عضوفي العديد من اللجان في قسم علوم الحياة/ كلية العلوم/الجامعة المستنصرية

معلومات التواصل

ORCID Link: <https://orcid.org/0000-0001-7543-731X>

Research gate link: https://www.researchgate.net/profile/Raghad_Fayyad

Google scholar link

https://scholar.google.com/citations?hl=ar&user=H541p3UAAAAJ&view_op=list_works&gmla=AJsN-F4SK9Zcnnf-SyE5BLfPF

publons link: <https://publons.com/researcher/4316361/raghad-fayyad/>

PROFESSIONAL DEVELOPMENT

- ☐ ورش العمل.
- ☐ مشاركة في دورة (Real-time PCR) held in college of science-Mustansiriyah university (2016)
- ☐ مشاركة في ورشة عمل (using end-note soft wear in scientific writing) held in college of science-Mustansiriyah university (2018)
- ☐ محاضر في ورشة عمل (nutrironal and therapeutic advantages of seaweeds) held in college of science-Mustansiriyah university (2019)
- ☐ محاضر في ورشة عمل (cyanotoxins) held in college of science-Mustansiriyah university (2019)
- ☐ محاضر في ورشة عمل (the role of algae in regulating the earth climate) held in college of science-Mustansiriyah university (2021)

البحوث المنشورة:

- ☐ **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
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platensis) against several human and plant derived pathogenic fungi. Indian Journal of Forensic Medicine & Toxicology,14(1):703-709.

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- Muslim, S.N. Mohammed Ali, A.N. and Fayyad, R.J.2021. A Novel Culture Medium Using Lettuce Plant (Lactuca Sativa) For Detection of Pullulanase Production by Paenibacillus Macerans Isolated from Agricultural Wastes A Novel Culture Medium Using Lettuce Plant (Lactuca Sativa) For , . Phys.: Conf. Ser. 1818 012034. Detecti. <https://doi.org/10.1088/1742-6596/1818/1/012034>

براءات الاختراع المسجلة

- 1- Modified protocol of DNA extraction methods Comparison with other extraction for polymerase chain reaction analysis of gnomic DNA from Cyanophyceae isolates
- 2- New approach for synthesis of TiO₂ nanoparticles by using Banana peel extract and investigate its antibacterial and insecticidal activity
- 2- 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
- 3- Production of a novel enzymatic detergent and disinfectant from bacteria Paenibacillus macerans by using medium containing cabbage (Brassica oleracea) as a new carbon source