



Microbiology Professor with an In-depth understanding of Microbiology and all other related sciences, Passionate for learning and discovering new concepts and ideas, and capable of speaking to all audience levels, from students to doctors to professors and ministers.

Prof. ABDELKADER ELZEN PhD

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Skill Highlights

- Skill Highlights
- Project management
- Strong decision maker
- Complex problem solver
- Creative design
- Innovative
- Service-focused

Languages

Arabic – C2

English – C1

Russian - B1

Experience

Microbiology Professor - Microbiology department - Faculty of science – Sabha university- Libya

- Associate Professor in microbiology department ,school of science ,Sebha university since February 2009.
- Head master of microbiology department, Sebha university during the period from October 2006 to February 2009
- General manager of polymers factory in Sebha ,Libya during the period from January 2000 to December 2002.
- Lecturer and staff member in botany department ,Sebha university ,Libya during the period from January 1996 to December 1999.
- An Instructor at the department of biology, Sabha University (1985- 1987).

Qualification

1990 - 1995 PhD Institute of Microbiology and Virology, Academy of science Ukraine.

1987-1989 MSc Odessa National university Ukraine

1986 - 1987 Pre Master Odessa National university Ukraine BSc

1979 - 1983 BSc Tripoli University Libya – Science Department

Education

- **1990 - 1995** PhD (Biology (Microbiology) Ecological & Physiological properties of bacteria of Cytophagales and Myxococcales order in Rhizosphere of winter wheat.)
- **1987-1989** MSc Biology (Microbiology) Ecological & Physiological characteristic Bacteria in Rhizosphere.
- **1986 - 1987** Pre Master in Microbiology
- **1979 - 1983** Bachelor degree in Biology

Membership

- **1979 - 1983** Bachelor degree in Biology
- Member in the science association for botany, (Syria)
- Member in the Egyptian association for environment contaminants ,Egypt
- Chief of the cooperative Belgium Tunisian Libyan team for biological - life variations, and is currently a member in the same team.
- A Member in the research team of Gabraon Lake and reforming it as a natural fortification.
- Main researcher on the project of establishment of the botany biodiversity in Sebha.
- A researcher on the biological fertilization and its importance for environment protection.

Modules have Taught

MSc level:

Modules are:

(micro environment, advanced microbiology, fundamentals of microbiology, botany diseases)

BSc level, botany department students:

Modules are :

(Bacteria and germs science, microbiology, applicable microbiology, soil microbiology).

BSc level, environment contamination students:

Modules are:

(Sewage and drain water, introduction to bacteria, microbiology, microscopic bounds, disposals)

Workshops, Seminars and other working experiences

- Workshop in Biological Biodiversity, Botany department, School of science, Sabha university during the period from 8-10/9/2007.

- Participating strongly with an excellent paper in the second Biological biodiversity workshop which was held at Sabha university during the period from 26-30/12/2009
- Participant in the fifth workshop for the pre-design and foresight of the Garden project carried out in Sebha from 5-9/10-2009
- The general coordinator of the international conference for the biological biodiversity committee which was held in the period of the 16- 18/11/2009.

Scientific tasks carried out abroad

A formal work mission to Tunisia to participate in the unity agreement of the three universities of Sebha, Soosa, Sharolmani during the period from 20-29 October 2008

A formal task to Sharolmani high school in Belgium to visit the Garden of Mas and sign a contract in the period from 12-20/12/2008.

Evaluated scientific letters

- MSc in Microbial and chemical study of sewage water in sebha region
- A Thesis submitted in partial fulfillment of the requirement of M.Sc Degree in Botany
- An MSc thesis titled as The study of effect of pesticide Vitavax-300 on the microbial activity and growth and germination for barley and peas plants .
- Hamid Abdulsalam Albagdadi (1999). Rehearsal on using some lake plants against certain types of bacteria (Botany, science department, Garionis university)
- Wardah Ali Mohamed Khalifa (2006) genesis spectrum of biological defenders being vertically transmitted to Staphylococcus aureus from Escherichia coli in Sebha (animal-life, science department)
- Abobaker Mohamed Mohamed Othman(2008). Results of sewage water and vehicle maintenance on the environment of Brak city. Environmental science-engineering department- Alshati-Sebha university.
- Abobaker Saleh Mohamed Tannani(2009) ,A study on the bacteria causing Urinary Tract Infections in Morzok Region.

Book Publications

Translation of: Microbiology Laboratory Manual, Principles and applications- Edited by Stephen.A. Norrel and Karen.E.Messley. Translation by .Prof Tahreer Alhadeithi
Prof Abdulkader Elsonosi Elzin

Science Conferences

A strong participation with an excellent paper in the international conference for environmental contaminants which was held during the period between 17-20 April 2007 in Beni Siweef university, Egypt.

Studies on Corn grains contaminated by *Aspergillum flavus* mycotoxins in Sebha and Tripoli grain cell

Participation with a research paper in the national conference for environmental science which was held during the period from 25-27 April in science college ,Aljapil Algharbi university ,Libya.

A chemical and Microbiological study for underground water and treated swage water in Sebha City,Libya.

A formal task to Sharolmani high school in Belgium to visit the Garden of Mas and sign a contract in the period from 12-20/12/2008.

List of Publications

- IbrahimAliAltayyar,AlsadigMohammedAbdalla,Abdelkader Alsanousi G. Elzen and Mohamed Farg Elbreki. (2016). Prevalence and Antibiotic Susceptibility Pattern of *Pseudomonas aeruginosa* Isolated 6 from Hospital Environment in South Libya. Journal of Advanced Laboratory research in Biology. 2016 April. Issue (ISSN 0976-7614).
- AlsadigMohammedAbdalla,AbdelkaderAlsanousiG.Elzen.,Ahmed Alshahed., Gurfa Abu Azoom Sh.Az. ,Aziza Heeba M.O. ,Gaeidaa Amohammed M.A.,Habsa Yunis Ab. K. ,Nisreen Mohammed Ab. (2015). Identification and determination of antibiotic resistance of pathogenic bacteria Isolated from Spitic Wounds. Journal of Advanced Laboratory Research in Biology. 2015-Oct. Volume VI, Issue IV. Pg. 97-101

List of Publications

- Elzen, Abdelkader, Elsambany, Moahmed, Moftah. And Elshahed Ahmed. (2012). Diatom Assemblage in the Lake of Gaber Oun, Southern Libya. Journal of Advanced Laboratory Research in Biology. 2012-Jul. Pg. 237-241.
- Salem,A.Mahfouz.,Abdelkader,S.Elzen.(2010).theeffectofusing Vita X fungicide on Microbial flora of Peas and Barley roots and some vegetative characteristics. Journal of Advanced Laboratory Research in Biology. 2010-1 Jul. Pg. 2-8.
- ShaiebF.M.,El-Zeen.A.andFaituri.M.(2007).EffectofRalstonia pickettii strain V191 on n-Hexadecane Biodegradation. Journal of Sabha University. 6 (3): 46-52.
- Bagiva O S, Kreviska T N, Baozar A B, Mativska A P, Elzen Abdelkader, Okevaska SF. The affect of the bacteria that degrade cellulose "family Cytophage" on growth and development of agricultural plants. Microbiology Journal 1994-56 No. 1pg 83 – 86
- Kreviska T M, Elzen Abdelkader: Study of Biological Characteristics of Cytophage and mixobacterial Rhizosphere winter wheat. Microbiology Journal 1994-56 No. 1 pg 122
- Ivanitsa V O, Elzen Abdelkader, Kreviska T N. The effect of predecessor on the number and contents of the Gliding Bacteria in Rhizosphere winter wheat. Microbiology in Agricultural thesis Poster for All Union Science Conference in Boshe No 20 - 24 January, 1992- pg 68.
- Mohamed Ali Matar, Elzen Abdelkader, Said Medhat The Effect and Classification of fungal on Seeds. Fazan, City of Libya. Applied Microbiology 2001-675No. 3 pg. 233.
- Khadiga M. Ahmad, Almahdi A. M. Alamen, Fatima A. Atiya, **Abdelkader A. Elzen.** (2018). **Prevalence of Methicillin-resistant Staphylococcus aureus (MRSA) among Staphylococcus aureus collection at Sebha medical center.** Journal of Advanced Laboratory research in Biology. 2018 April. Issue (ISSN 0976-7614).

List of Publications

- Asha A. Al-Rubaie, **Abdelkader A. Elzen**, Alla A. Al-salabi. (2019) **The Efficiency of some Disinfectants against Multi-Drug Resistant Gram-negative Bacteria in Operating Theaters and Intensive Care Unit of Sebha Medical Center, Libya.** Journal of Pure & Applied Sciences. 2017 – 2/2/20x.
- Khadija M. Ahmada, b, Almahdi A. Alamenb, Shamsi A. shamsic, **Abdelkader A. Elzen** 2019 **Co-expression of Extended Spectrum β -lactamase (ESBL) and AmpC β -lactamase among *Pseudomonas aeruginosa* clinical isolates in Sebha medical center** Journal of Pure & Applied Sciences www.Suj.sebhau.edu.ly ISSN 2521-9200 Received 27/09/2018 Revised 20/02/2019 Published online 25/02/2019 .
- Asha A. Al-Rubaie, **Abdelkader A. Elzen**, Alla A. Al-salabi. (2019) **Isolation of Multi-Drug Resistant Gram-negative Bacteria Producing Extended Spectrum Beta Lactamases in Operating Theaters of Sebha Medical Center, Libya.** Journal of Pure & Applied Sciences. 2019 – 2521-2019.
- Khadija Mohamed Ahmad^{1,2}, Almahdi Ahmed Mohamed Alamen², Shamsi Abdullah Mohamd Saad Shamsi³, **Abdelkader A. Elzen**³ 2019 **Emergence of AmpC β -Lactamase– and Metallo- β -Lactamase–producing *Klebsiella pneumoniae* in Sebha, Libya** Medical Journal of Islamic World Academy of Sciences doi: 10.5505/ias.2019.93798 2019;27(1): 9-16.
- Ibrahim Ali Altayyar, Alsadig Mohammed Abdalla, **Abdelkader Alsanousi G. Elzen** and Mohamed Farg Elbreki. (2016). **Prevalence and Antibiotic Susceptibility Pattern of *Pseudomonas aeruginosa* Isolated from Hospital Environment in South Libya.** Journal of Advanced Laboratory research in Biology. 2016 April. Issue (ISSN 0976-7614).
- Alsadig Mohammed Abdalla, **Abdelkader Alsanousi G. Elzen** , Ahmed Alshahed., Gurfa Abu Azoom Sh.Az. ,Aziza Heeba M.O. ,Gaeidaa Amohammed M.A.,Habsa Yunis Ab. K. ,Nisreen Mohammed Ab. (2015). **Identification and determination of antibiotic resistance of pathogenic bacteria Isolated from Spitic Wounds.** *Journal of Advanced Laboratory Research in Biology*. 2015-Oct. Volume VI, Issue IV. Pg. 97-101.
- **Abdelkader Alsanousi G. Elzen**, Alsadig Mohammed Abdalla, **Isolation and Identification of Pathogenic Bacteria that Cause External Ocular Infections in Sabha City Libya.** *Journal of Advanced Laboratory Research in Biology*. 2015-Oct.
- **Elzen, Abdelkader**, Elsambany, Moahmed, Moftah. And Elshahed Ahmed. (2012). **Diatom Assemblage in the Lake of Gaber Oun, Southern Libya.** *Journal of Advanced Laboratory Research in Biology*. 2012-Jul. Pg. 237- 241.
- Morad Barka^a, Ali hwwad^b, **Abdulkadr Alzein**^c 2018, **Antibacterial activity of the plant *dectylifera phoenix* fruit's crude extracts on some pathogenic Bacteria.** The First International Conference on Science and Technology ICST2018-BI-25. 12–13th

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- Salem, A. Mahfouz., **Abdelkader, S. Elzen. (2010). The effect of using Vita X fungicide on Microbial flora of Peas and Barley roots and some vegetative characteristics.** *Journal of Advanced Laboratory Research in Biology.* 2010-1 Jul. Pg. 2-8.
- Shaieb F. M., **El-Zeen. A.** and Faituri. M. **(2007). Effect of *Ralstonia pickettii* strain V191 on *n*-Hexadecane Biodegradation.** *Journal of Sabha University.* **6** (3): 46-52. 3.
- Bagiva O S, Kreviska T N, Baozar A B, Mativska A P, **Elzen Abdelkader,** Okevaska SF. **The effect of the bacteria that degrade cellulose "family Cytophage" on growth and development of agricultural plants** *Microbiology Journal* 1994-56 No. 1pg 83 – 86.
- Kreviska T M, **Elzen Abdelkader** **Study of Biological Characteristics of Cytophage and mixobacterial Rhizosphere winter wheat.** *Microbiology Journal* 1994-56 No. 1 pg 122.
- Ivanitsa V O, **Elzen Abdelkader,** Kreviska T N. **The effect of predecessor on the number and contents of the Gliding Bacteria in Rhizosphere winter wheat.** *Microbiology in Agricultural thesis Poster for All Union Science Conference in Boshe* No 20 - 24 January, 1992- pg 68.
- Mohamed Ali Matar, **Elzen Abdelkader,** Said Medhat **The Effect and Classification of fungal on Seeds. Fazan, City of Libya.** *Applied Microbiology* 2001. *ournal of Pure & Applied Sciences* www.Suj.sebhau.edu.ly ISSN 2521-9200
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Oral Presentations

Shaieb F. M. El-Zeen. A. and Faituri.M. Effect of *Ralstonia pickettii* strain V191 on *n*-Hexadecane Biodegradation. *Modern problems of microbiology and biotechnology. The young scientists and students international scientific conference. Odesa, Ukraine, 28-31, May 2007.*

Poster Presentations

Presented a poster in the 3rd International agricultural Science Conference Organized 1 MU'TAH University, karak, Jordan. Date: 27 - 29 April 1999. Title: Using antioxidants for inducing resistance to Alternaria rot disease in fruits of tomato.

Research Interest

Basic research -- Wastewater treatment – biofertilization – MRSA – Antibiotics—
Biodegradation

References

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More detailed CV is Available Upon Request.