

# Curriculum Vitae

**Prof. Dr. Jaoudat FADDOUL**



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Date of Birth: 25.04.1944.  
Place of Birth: Rakham, Syria.  
Marital Status: Married, 4 children  
Nationality: Arab Syrian  
Title: Professor of Plant Protection (Mycology and Plant Pathology) Faculty of Agriculture, Damascus University, Damascus, Syria.

## Educational Background:

Degree	Institution	Major	Date
B. Sc.	Univ. of Damascus	Agric. Engineering	1961-1965
D. E. A.	Univ. of Paul Sabatier, Toulouse, France	Biology	1970
A. E. A.	Univ. of Paul Sabatier, Toulouse, France	Biology	1970

Diplome` nation. d`oenology	Univ. of Paul Sabatier, Toulouse, France	Fermentation, Wine Making	1973
Doctor of Engineering (Ph.D.)	Univ. of Paul Sabatier, Toulouse, France	Mycology, Plant Pathology	1968-1973
Ass. Prof.	Univ. of Damascus	Plant Pathology and Mycology	1973-1979
Associate Prof.	Univ. of Damascus	Plant Pathology and Mycology	1984
Prof. Dr.	Univ. of Alger/Algeria	Plant Pathology and Mycology	1980-1985
Prof. Dr.	Univ. of Damascus	Research/Plant Pathology/Teaching	1985-1998
Prof. Dr.	<i>Fulbright fellowship Alumni (Twice)</i>	Research/Soil-borne pathogens Soil Sollarization	1998
Prof. Dr	Univ. of Damascus	Plant Pathology/teaching	1999-present
	DAAD fellowship Alumni	Biology and Biotechnology, Identification of Syrian Cyanobacteria	Summer 1999
	DAAD fellowship Alumni	The effects of UV on Cyanobacteria	Summer 2000
	DAAD fellowship Alumni	The effects of UV on Cyanobacteria	Summer 2006

Languages knowledge:

1. French.
2. English.
3. Arabic

### Books:

1. General Plant Pathology, 728 pages, Damascus University publication, (1985)
2. Phytopathology (I) of Fruit trees, Vegetables and Ornamental plants, 720 pages, Damascus University publication, (1986).
3. Phytopathology (II) of Fruit trees, Vegetables and Ornamental plants, 365 pages, Damascus University publication, (1986).
4. Bacterial, Virological and Non- Parasitical Diseases 335 pages, 1987, Damascus University publication, (1986).
5. Field crops Diseases, 520 pages, Damascus University publication, 1992.
6. Agricultural Pests and their Control, 602 pages, Damascus University publication, 1998.
7. Reference in Mycology, 1051 pages, Damascus University publication, 2006.
8. Introductory Mycology, 425 pages, Damascus University publication, 2008.

### Dictionaries (Glossaries or Lexiques):

1. Dictionary of Fungi, Classification, Plant Diseases, Hosts, Mycological Terms, Arab, French, English and Latin. 378 pages, National Institute of Agricultural research. Algeria, 1984.
2. Dictionary of Irrigation Sciences, Water and Hydrologic Terms, Arab, French, English, National Institute of Agricultural research, Algeria, 1985.

3. Dictionary of Forestry Sciences terms, 330 pages, Arab, French, English, and Latin, National Institute of Agricultural research. Algeria, 1984.
4. Dictionary of Apiculture Terms, 127 pages, Arab, French, English, National Institute of Agricultural research. Algeria, 1985.
5. Dictionary of Agricultural Terms, 475 pages, Arab, French, English, National Institute of Agricultural research. Algeria, 1985.

#### International Scientific Conferences:

1. Scientific conference of Arab society of Plant Protection, in Arab countries.
2. The first International conference of Soil Solarization, Amman, Jordan, 1991.
3. Sixth International conference of Plant Pathology ,Canada , 1993.
4. Second International conference of Soil Solarization , Aleppo, Syria, 1997.
5. Scientific conference of Kearney Agricultural Center, California, USA, 1998.
6. Seminars on Biodiversity in Syria , UN programs, Damascus , Syria, 2000-2001.
7. Scientific conference on the use of Solar Energy in Agriculture, Tunis, 2002.

#### Scientific Activities:

1. In Syria.
2. In California, UC Davis, 1998.
3. In Germany, University of Nurnburg - Erlangen

### Current Research Programs:

- Inventory of Plant Diseases in Syria
- Isolation and Identification of Fungal Flora in Syria
- Survey and Identification of Syrian Cyanobacteria
- The use of solar energy in controlling the Phytopathogens (Soil Solarization)
- Soil solarization for controlling plant- diseases in Syria.
- Soil solarization as an alternative to Methyl Bromide soil fumigation for containerized nursery production, Kearney Agricultural Center, Univ. of California, USA . 1998
- Supervision on student theses (Msc and Ph.D.)
- *Phytophthora citrophthora* Causing Gummosis of Citrus in the Coastal Region in Syria
- White Rot of Garlic, Ecology, Biology and Control in Syria
- Screening Genotypes for Sorghum sp, for Smuts Resistance (*Sphacelothica*, *S. Reliana*)
- Watermelon and cantaloupe wilt in Syria
- Aflatoxines of corn in Syria(M.sc )
- Mashroom cultivation (M. sc)
- Studies on the mechanism of grape-wine root stocks resistance to several Nematoda. Kearney Agricultural Center, University . of California, USA.
- Effects of six fungicides on conidia germination and growth of *Pestalotiopsis funerae* pathogenic on *Pistachia vera* and Cupressus spp and *Botryosphaeria dothidea* pathogenic *Pistachia vera.*, Kearney Agr. Center, Univ. of California, USA. 1998

- New Disease on *Pestachia vera* caused by *Pestalotia funerae* (*Pestalotiopsis spp.*). in California , USA. 1998
- Thermal Death study on Nematodes by Solarization, Kearney Agr. Univ. of California, USA. 1998
- Contribution on biodiversity in Syria
- Effects of solar irradiation on Syrian Cyanobacteria N-fixing, growth and Physiology , Univ. Nurnburg -Erlangen, Germany.
- Gravitaxis and Ecotox Research, Univ. Nurnburg-Erlangen, Germany.

Publications:

1. Faddoul (J) 1973. Contributions a l`elude du *Coryneum cardinale*. Wag, Morphologie, Biologie, Physiologie, These de Docteur Ingenieur, Ecole Nationale de sciences Agricole de Toulouse, France.
2. Faddoul et al. 1972. Le Ph initial de Milieu, Facteur de variation Morphologique de *C. Cardinale* Wag, Tom 108, Fasc. 1-2,1972.
3. Faddoul (J) et, Albertini (L) 1974. La lutte Chimique Contre. *Coryneum cardnale* Wag. Agent de la deperissement des Cyres. Experiences – in vitro. Phytopath. Medit Vol. XIII No.1, 1974, 47-54.
4. Faddoul (J) et Hamant (O). Cl Activite Enzymatique du *C. cardinale* Wag. C. R. Sc. Paris, France.
5. Albertini, L., et J. Faddoul (1974) action au laboratoire de quelques fongitoxiques et Fongicides Systemiques. Sur *Fusarium roseum* Var. *Gramineum* (Schwabe) Syrs et Hans, Phyltopath Medit.

6. Faddoul (J) Meamr (A. O. and Matrouyd (L. J. ) 1990. The Use of Solar Energy for Controlling White Rot disease of Garlic, First international conference on Soil solarization.
7. Faddoul (J) and Swidan (Y) 1989 Screening of Annual Medics (*Medicago* spp.) for Nematoda Resistance. MSC. Thesis, Univ. of Damascus.
8. Effect of climatical factor sun movement and development on Nematodes (*Meloidogyne artilia* and *Heterodera ciceri*). Fifth Arabic Congress of plant protection, Fes, Marocco 1994.
9. Effect of Nematodes (*Metiodogyne artilia* and *Hetero area ciceri* ) on the annual medics. Fifth Arab congress of Plant Protection, Fes, Marocco.
- 10.A. Almaamar, Jaoudat Faddoul, Lina Matroud, and Salah Alshaabi, Comparison Efficiency of some methods to control white rot on garlic in Syria (*Sclerotium cepivorum*), Tishreen University Journal for studies and scientific research-Agriculture Series Vol. (18) No (6) 1996. (in Arabic)
- 11.J. J. Stapleton, M .V. McKenry, J. Faddoul, and L . Ferguson. 1999. Solarization Approved Against Nematode Infestation of Containerized Nursery Stock. Annual International Research Conference On Methyl Bromide Alternatives and Emissions Reductions, November 1-4, 1999. San Diego, California.
- 12.Safdar A. Anwar, M .V. McKenry, and J. Faddoul. 2000. Reproductive Variability of Field Populations of *Meloidogyne* spp. on Grape Rootstocks. *Journal of Nematology* 32(3): 265-270.

- 13.**Faddoul, J., J.J. Stapleton, and M.V. McKenry. 2001. Use of Soil Solarization as an Alternative to Methyl Bromide for Disinfection of Containerized Nursery Soil. Damascus University Journal for Agricultural Sciences, Vol.17, No.1, 2001.
- 14.**Al-Shaabi, S., L. Matrod, and J. Faddoul. 2000. Solarization Efficiency in Controlling Soil-borne Pathogenic fungi of Plastic Houses in Syria. Damascus University journal for Agricultural Sciences, Vol.16, No.2, 2000 ( In Arabic ).
- 15.**Rajeshwar P. Sinha, Piter Richter, Jaoudat Faddoul, Markus Braun and Donat-P. Haeder. Effect of UV and visible light on Cyanobacteria at the cellular level, Photochem. Photobiol., 2002, 1, 553-559.
- 16.**Peter R. Richter, Maria Ntefidou, Christine Streb, Jaoudat Faddoul, Michael Lebert, and Donat-P.Haeder, High light Exposer Leads To A sign Change of Graviaxis in Flagellate Euglena gracilis Protozoologica. Acta Protozool 2002; 41(4):343-351, ICID: 6456
- 17.**Faddoul.J, and W. Naffaa., (2008)Efficacy of soil solarization and Dazomet as Alternatives to Methyl Bromide in controlling Soil-borne Pathogenic Fungi in the greenhouses.,Damascus university Journal for the Agricultural Sciences, ,Vol.24-No.1,P:99-111( In Arabic)
- 18.**Häder, D.-P., Faddoul, J., Lebert, M., Richter, P., Schuster, M., Richter, R., Strauch, S. M. and Daiker, V. (2010) Investigation of gravitaxis and phototaxis in Euglena gracilis. In: Advances in Life Sciences (Eds. RP Sinha, NK Sharma and AK Rai),Chapter 4,



- I. K. International Publishing House Pvt. Ltd., New Delhi, India (in press)
- 19.** Faddoul.J, (2010)“In vitro Effects of Six Fungicides on Conidia Germination and Growth of Pestalotiopsis funerae pathogenic on Pistacia vera and Cupressus spp. and Botryosphaeria dothidea pathogenic on Pistacia vera” Damascus University Journal for the Agricultural Sciences, ,(Under publishing).
- 20.**Aboalsel, A. , J. Faddoul and A. Basheer. (2020), Study of the efficacy of Trichoderma harzianum and some fungicides in controlling early blight caused by Alternaria solani on tomatoes
- 21.**Aboalsel, A. , J. Faddoul and A. Basheer. (2020), Efficacy of some Plant Extracts in Management of omato Early Blight Disease Caused by Alternaria solani (Sorauer) under field conditions
- 22.**Aboalsel, A. , J. Faddoul and A. Basheer. (2020), Effectiveness of some plant extracts on Alternaria solani and comparing them with fungicides in the laboratory
- 23.**Haidar, M. , J. Faddoul (2020), Antagonism effect of three Thrichoderma species growth inhibition of Rhizoctonia solani Kuhn in vitro
- 24.**الطحلي، عبد الواحد و فضّول، جودة، وحمد، ابتسام (2005) تأثير رطوبة حبوب الذرة الصفراء المخزنة في العراء والمستودع وحرارتها في افراز الأفلاتوكسين في سورية.