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NAME: MOSLEH MOHAMMED SAEED SALIH

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President of Duhok University

Professor, Plant Tissue Culture

Languages: Fluent in Kurdish, Arabic and English languages (Written and Spoken)

Personal History

Gender: Male

Marital Status: Married

Place and Date of Birth: Duhok, Iraqi Kurdistan Region, July 1st, 1951

Present Appointment: Professor, College of Agriculture,

University of Dohuk

Date of First Employment at the University: February 11, 1979

EDUCATION

Ph. D. Cytology, Faculty of Biology and Environmental Protection,

University of Silesia, Poland, 2000.

(Cytogenetic and Histological Study of Induced Polyploids of *Crepis capillaries*).

M. Sc. Plant Physiology, College of Agriculture,

University of Sulaimani, Iraq 1978

(Effect of Gibberellic Acid and Cycocel on Growth, Flowering and Fruiting of Tomato Plants).

B. Sc. Horticulture, College of Agriculture,

University of Sulaimani, Iraq, 1976.

ADMINISTRATION AND ACADEMIC POSITIONS HELD

POSITION	FROM	TO
1-Assistant Lecturer, College of Agriculture, Univ. of Sulaimani, Iraqi Kurdistan Region, Iraq.	1979	1982
2-Lecturer, College of Agriculture, Univ.of Salahaddin, Iraq.	1983	1987
3-Assistant Professor, College of Science, Dept.of Biology, Univ. of Salahaddin, Iraqi Kurdistan Region, Iraq.	1987	1994
4-Head of the Department of Biology , College of Science, Univ. of Salahaddin, Iraqi Kurdistan Region, Iraq.	1992	1993
5-Dean Assistant, College of Agriculture, University of Duhok, Iraqi Kurdistan Region, Iraq.	1994	199
6-Consultants Team Leader, FAO Representation in Iraq, FAO Coordination Office for Northern Iraq.	2001	2002
7-Dean, College of Agriculture, University of Duhok, Iraqi Kurdistan Region, Iraq.	Feb.16, 2001	Oct.30, 2010
8- Professor, Faculty of Agriculture and Forestry, University of Duhok	Nov.1 st 2010	Sept.1 st 2011
9- Professor, Faculty of Science, University of Duhok	Sept. 2 nd 2011	Dec. 3 rd 2012
10- President of Duhok University	Dec. 4 2012	Continued
11- Member of the board of administrators at IAU (International Association of Universities)	Nov. 14 2016	Continued

PUBLICATIONS

Published Books:

1. Breeding of Horticultural Plants .Mosul University Press, 1981.
2. Use of Plant Growth Regulators in Horticulture. Mosul University Press, 1983.
3. Production, Storage and Processing of Potato. Part one. Mosul University Press, 1988.
4. Production, Storage and Processing of Potato .Part two .Mosul University Press, 1988.
5. Tomato Production .Mosul University Press, 1990.
6. Physiology of Plant Growth Regulators. Mosul University Press, 1991.
7. Cell Life, Duhok University Press, 2011.

Published Researches

1. Effects of methods and date of planting on growth and yield of cauliflower (*Brassica oleracea* var. botrytis). Iraqi Journal of Agricultural Science "Zanco" .vol.2, no. 1, 1984.
2. Effects of cycocel and gibberellic acid on growth of broad bean (*Vicia faba*) seedlings. Iraqi Journal of Agricultural Science "Zanco," vol.3, no. 3, 1985.
3. Role of the Honey-bee as a pollinator in increasing cucumber (*Cucumis sativus* L.) yield. Iraqi Journal of Agricultural Science "Zanco" vol.3, no.3, 1985.
4. Effects of plastic mulch and irrigation period on vegetative and reproductive characteristics of cucumber (*Cucumis sativus* L.) cv. Beith alpha. Proceeding of the scientific conference. Scientific Research Council-Baghdad, Iraq, 1986.
5. Effect of gibberellic acid and cycocel on some growth, flowering and fruiting characteristics of pepper (*Capsicum frutescens*). Iraqi Journal of Agricultural Science "Zanco".vol 6, no.2, 1988.
6. Effects of fertilizer levels and plant spacing on growth and yield of eggplant (*Solanum melongena* L.). Iraqi Journal of Agricultural Science. "Zanco" vol. 20, no.1, 1988.
7. Effects of gibberellic acid and naphthalene acetic acid on growth, yield and quality of onion. Dirasat, vol.16, no.9, Amman, Jordan, 1989.
8. Effects of indolebutyric acid (IBA) and cultivars on the rooting responses of Quince hardwood cuttings. Proceeding of the second scientific conference of Salahaddin University, 1990.

9. Effects of gibberellic acid and cycocel on growth, flowering and fruiting of been (*Phaseolus vulgaris* L.) plants. Journal of Science and Nature.vol.1, no.2 (Issued by College of Science, University of Salahaddin, Iraq), 1992
10. Effects of indoleacetic acid, gibberellic acid and cycocel on vegetative and root growth of broad been (*Vicia faba*) plants. Journal of Science and Nature vol.2, no. 3, (Issued by College of Science, University of Salahaddin, Iraq), 1993.
11. Effect of indolebutyric acid and foliar application of urea and their interaction on vegetative and root growth of apple seedlings. Iraqi Journal of Agricultural Science "Zanco" vol.5, no.1, 1992.
12. Effects of foliar application of cycocel and urea and their interaction on corn (*Zea mays*) plants growth. Iraqi Journal of Agricultural Science "Zanco"vol.7, no.1, 1995.
13. Effect of planting date and concentrations of indolebutyric acid and their interaction on rooting of olive cuttings. Proceeding of the third scientific conference of Salahaddin University. 1998.
14. Effect of plant density and nitrogen fertilization on the growth of lettuce plants. Journal of Dohuk University. Vol, 2, no.7, 1999.
15. Effects of media composition and concentrations of IBA on rooting of hardwood cuttings of *Cotoneaster racemisorous*. Journal of Dohuk Univ. Vol.4, No. 2, 2001.
- 16.Evaluation of three tomato cultivars (*Lycopersicon esculentum* Mill) under Dohuk conditions. Journal of Sulaimany University. Vol.5, No.2, 2002.
- 17-Zakia Ahmad, Hassan A.M. Mezori and Mosleh M.S. Duhoky. Effect of intercropping systems and nitrogen fertilizer on yield, yield component of corn (*Zea mays* L.) and peanut (*Arachis hypogaea* L.) J. Dohuk Univ., Vol 11, No. 1, 2008.
- 18- Histological study between *Cuscuta campestris* and some plant species. Kurdistan 2nd Conference of Biological Sciences, Dohuk 6-8 May, 2008. Kurdistan Region, IRAQ.
- 19- Micro propagation of carnation (*Dianthus caryophyllus*). Kurdistan 2nd Conference of Biological Sciences, Dohuk 6-8 May, 2008. Kurdistan Region, IRAQ.
- 20- In vitro propagation of peach (*Prunus persica* L) cv. Red June. Kurdistan 2nd Conference of Biological Sciences, Dohuk 6-8 May, 2008.

- 21- Effect of different concentrations of Kinetin and NAA on micropropagation of *Gardenia jasminoides*. Journal of Sulaimany University. Vol.12, No.1, 2009.
- 22-Response of apple trees cv. Barwari to foliar spray with iron and gibberellic acid (Fruit quality parameters). Journal of Sulaimany University. Vol.12, No.1, 2009.
- 23- Mosleh M.S. Duhoky and Khetam A. Rasheed. Micropropagation of *Gardenia (Gardenia jasminoida)* using single nodes. Mesopotamia J. of Agric. Vol. (37) No. (3) 2009.
- 24- Micropropagation of *Gerbera jamesonii*. Proceeding of Sofia international scientific conference "Good practices in sustainable agriculture". 424-436, November 12-13,2009. Sofia,Bulgaria.
- 25- Organogenesis of *Gerbera jamesonii* via tissue culture technique. Proceeding of Sofia international scientific conference "Good practices in sustainable agriculture". 437-453, November 12-13,2009. Sofia,Bulgaria.
- 26- Micropropagation of (*Jasminum humile* L.) by shoot tips and node segments. Journal of Duhok University, Vol.12, No.2, 2009.
27. Effect of Foliar Spray with Iron and GA3 on Yield and Quality of Apple Fruits C.V Starking Delicious .Mesopotamia J.of Agriculture, Vol. 38, No. 3, 2010.
- 28- Effect of different concentration of BA and IAA on micropropagation of *Gardenia jasminoides*. Mesopotamia J. Agric. Vol. (2), No. (38), 2010.
29. Propagation of *Gerbera jamesonii* via Tissue Culture Technique. 3rd Annual International Symposium on Agricultural Research. Athens, Greece, 15-18 July,2010.
30. Regeneration of F1 hybrids of Eggplant (*Solanum melongena* L.) and Tomato (*Lycopersicon esculentum* L.) from stem explants. Journal of Duhok University, Vol. 13, No.1, 2010.
31. Micropropagation of Croton (*Codiaeum variegatum*). Journal of Duhok University, Vol. 13, No. 1, 2010.
32. Challenges of Implementation of Good Agricultural Practices in Kurdistan Region, Iraq. Journal of Management And Sustainable Development. Vol.2, No.26, 2010.

33. Factors Involved in *in vitro* Grafting of Apple (*Malus domestica* Borkh) and Pear (*Pyrus sp. L.*). Topentag, September 14-16, 2010, Zurich Scientific Conference Switzerland, "World Food System-A Contribution from Europe".
34. Factors involved in *ex vitro* rooting of *Acalypha wilkesiana*, *Ficus microcarpa* var. *crassifolia*, *Bougainvillea glabra* and *Vitex rotundifolia* stem cuttings. JDU, Vol. (13) NO. (2), 2010.
35. A Greenhouse Study on Growth, Yield and Anatomical Parameters of Three Pea Cultivars under Different Irrigation Levels and Growth Regulators. American Journal of Experimental Agriculture, 1(4):121-173, 2011.

POSTGRADUATE STUDENTS SUPERVISION

1. Ayad S. Meklef, M.Sc., 1990. Effects of indolebytric acid and foliar application of urea and their combination on the growth of apple seedlings. Dept. of Biology, College of Science, University of Salaheddin, Kurdistan Region IRAQ.
2. Maysoon I. Ibraheem, M. Sc., 1991. Effects of foliar spraying with cycocel and urea on growth and productivity of maize (*Zea mays* L.) plants var. RX360. Dept. of Biology, College of Science, University of Salahaddin, Kurdistan Region IRAQ.
3. Shukri H. Saleh, M. Sc., 2003. Effects of Pre and Post-Harvest treatment of some nutrients on the fruit characteristics of apple fruits (Golden Delicious). Dept. of Horticulture, College of Agriculture, University of Dohuk, Kurdistan Region, IRAQ.
4. Zakia A. Hassan, M. Sc., 2004. Effect of Intercropping systems and nitrogen fertilizer on growth, yield, yield components and quality of corn (*Zea mays* L.) and peanut (*Arachis hypogaea* L.), Dept. of Soil and Water, College of Agriculture, University of Dohuk, Kurdistan Region IRAQ.
5. Fakhraddin M. Hama Saleh, Ph.D., 2004. Effect of IAA, Kinetin and dates on T-Budding success of *Pistacia vera* L. on two rootstocks. Dept. of Horticulture, College of Agriculture, University of Sulaimani, Kurdistan Region, IRAQ.
6. Chnar N. Fathullah, M. Sc., 2005. Biological and Anatomical study of different *Cuscuta* species. Dept. of Biology, College of Science, University of Salahaddin, Kurdistan Region, IRAQ.
7. Mahdi H. Ibrahim, M. Sc., 2006. Effects of foliar application of zinc and gibberellic acid and their interaction on the growth and development of pepper (*Capsicum annuum*) plants. Dept. of Biology, College of Science, University of Salahaddin, Kurdistan Region IRAQ.

8. Samira T. Ali, M. Sc., 2006. Response of some pea varieties (*Pisum sativum*) to different sowing dates under Duhok region conditions. Dept. of Horticulture, College of Agriculture, University of Dohuk, Kurdistan Region IRAQ.
9. Khetam Adeeb, M. Sc., 2007. Propagation of *Gardenia* via plant tissue culture technique. Dept. of Horticulture, College of Agriculture, University of Salahaddin, Kurdistan Region, IRAQ.
10. Media Ezelldin, M. Sc., 2007. Propagation of Carnation via plant tissue culture technique. Dept. of Plant Production, College of Agriculture, University of Salahaddin, Kurdistan Region, IRAQ.
11. Asaad Mohamad, M. Sc., 2007. Propagation of peach via plant tissue culture technique. Dept. of Plant Production, College of Agriculture, University of Salahaddin, Kurdistan Region, IRAQ.
12. Azad A. Tayeb, Ph.D., 2007. Effect of Iron and GA3 on vegetative growth, nutrient content, yield and storage characteristics of two cultivars of apple. Dept. of Horticulture, College of Agriculture, University of Dohuk, Kurdistan Region, IRAQ.
13. Payman A. A. Zibari, M.Sc. 2007. Vegetative propagation of *Gerbera jamesonii* via tissue culture technique. Dept. of Horticulture, College of Agriculture, University of Dohuk, Kurdistan Region, IRAQ.
14. Rofail S. Toma, Ph.D. 2009. Micropropagation and *in vitro* shoot-tip grafting of apple (*Malus domestica* Borkh) and pear (*Pyrus sp.* L), Dept. of Horticulture, College of Agriculture, University of Dohuk, Kurdistan Region, IRAQ.
- 15- Ahmad H. Rashid, Ph.D. 2010. Application of Plant Tissue Culture technique for production of Tropin Alkaloid from *Datura innoxia* Mill. Plants. Dept. of Agronomy, College of Agriculture, University of Sulaimani, Kurdistan Region, IRAQ.
- 16- Sua'ad A. Yaseen, M.Sc. 2010. *In vitro* propagation of apple (*Malus domestica* Borkh) rootstocks. Dept. of Horticulture, College of Agriculture, University of Duhok, Kurdistan Region, IRAQ.
- 17- Laylan H. Fadladeen, M.Sc. 2011. *In vitro* propagation of Blackberry (*Rubus analoticus*). Dept. of Forestry, Faculty of Agriculture and Forestry, University of Duhok, Kurdistan Region, IRAQ.
- 18- Amina M. Hasan, M.Sc. 2011. *In vitro* propagation of Rose (*Rosa sp.*). Dept. of Biology, College of Education, University of Zakho, Kurdistan Region, IRAQ.
- 19- Nezek Salim, M.Sc. 2011. Drought resistant of three pea cultivars under three irrigation levels. Dept. of Biology, College of Education, University of Zakho, Kurdistan Region, IRAQ.
- 20- Gazi Faiq Hagi, Ph.D. 2013. Effects of Organic Fertilizers, Ascorbic Acid and Sulfure on Quantitative and Qualitative characteristics of Apricot cv. Royal. Dept. of Horticulture, College of Agriculture, University of Salahaddin, Kurdistan Region, IRAQ.
- 21- Payman A. Abdullah, Ph.D. 2013. Effects of different concentrations of Colchicine and Oryzalin on Chromosome polyploidy of *Crepis capillaries* *in vitro* culture. College of Agriculture, University of Duhok, Kurdistan Region, IRAQ.

PRESENT POSTGRADUATE STUDENTS SUPERVISION

Zulaykha A. Abduljalil. Ph.D. Molecular detection of dahlia mosaic virus (DMV), its effect on plant growth and elimination. College of Agriculture, University of Duhok, Kurdistan Region, IRAQ.

Conferences

1. Fourth Scientific Conference ,Scientific Research Council ,Baghdad, Iraq ,1986.
2. Second Scientific Conference of Salahaddin University, Arbil ,Iraq,1990.
3. Thirty –five Scientific week Conference, Latheqiah, Syria,1995.
4. Scientific Conference in Plant Tissue Culture ,Krakow ,Poland,1997.
- 5- Rangeland Workshops, FAO Representation in Iraq, FAO Coordination Office for Northern Iraq.Sept,2001.
- 6- I have been awarded three months as a visiting professor to the Department of Tropical Plants and Soil Science/ College of Tropical Agriculture and Human Resources/ University of Hawaii/USA (from October, 2004 – January, 2005) to do researches in the field of plant tissue culture together with professors there in the same specialization.
- 7-The First Kurdistan Conference on Biological Sciences, University of Dohuk, 6-8 May,2006.
- 8-The Second Kurdistan Conference on Biological Sciences, University of Dohuk, 2-4 May,2008.
- 9-Participating in a Staff Exchange at the Faculty of Science at Lund University, Sweden, sponsored by the European Union Program Erasmus Mundus External Cooperation Window Lot 7 during April, 2009.
- 10-Sofia International Conference “Good practices in sustainable agriculture”.November 12-13,2009, Sofia,Bulgaria.

11-The Third Kurdistan Conference on Biological Sciences, University of Dohuk, 6-8 May,2010.

12- 3rd Annual International Symposium on Agricultural Researchs. Athens, Greece during 15-18 July,2010.

13- Vice Chancellor's Forum on Universities in the Islamic World. July 26-27, 2017, Ankara, Turkey.

Referees

1- Professor Dr. Samir A. El-Swaify, University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources, Department of Natural Resources and Environmental Management, Honolulu, USA. (email:elswaify@hawaii.edu).

2. Professor Dr.Robert Hasterok. Head of Department of Plant Anatomy and Cytology, Faculty of Biology, Silesian University, Katowicw, Poland. (email: maluszyn@us.edu.pl).

3. Dr. Saeed Sulaivany. Former Vice President for Scientific Affairs and Postgraduate Studies, University of Salahaddin, Iraqi Kurdistan Region, Iraq. (email: Saeed Sulaivany <sulaivanysi55@yahoo.com>).