

## *Curriculum vitae*

- 1- **Name :** Muthana Mohammed Ibrahim
- 2- **Nationality :** Iraq
- 3- **Present Address :** Baquba City- Diyala –Iraq
- 4- **Marital state :** Married
- 5- **Date of Birth :** 21 /7/1967
- 6- **Religion :** Islam
- 7- **Gender :** Mail
- 8- **Mobil No. :** 07708298730
- 9- **Email :** [sadeh1970@gmial.com](mailto:sadeh1970@gmial.com)



### **10- Educational Qualification:**

1. B.Sc. in Agriculture sciences at college of Agriculture /Baghdad University in (Iraq)1988.
2. M.Sc. in Horticulture Science & Landscape Design at College of Agriculture and Forestry University of Mosul in (Iraq)2008.  
✓ Title of the thesis ((**Effect of Mineral Fertilization and Some Treatments on Growth and Flower Longevity of Two *Dianthus caryophyllus* L. Cultivars**)).
3. Ph.D. in Horticulture Science & Landscape Design /Tissue culture Ornamental Plants at College of Agriculture and Forestry University of Mosul in (Iraq)2013.  
✓ Title of the thesis ((**GENETICAL AND ELECTRICAL MANIPULATION OF FENUGREEK *Trigonella foenum-graecum* L. EMPHASIZING ON DIOSGENIN AND TRIGONELLINE ISOLATION FROM VARIOUS TISSUE CULTURES**)).

### **11- Language proficiency:**

- ✓ Arabic- (spoken & written)
- ✓ English - (spoken & written)

### **12- Experience in computer:**

- ✓ Windows (Xp)
- ✓ Microsoft Office (Xp)
- ✓ Internet
- ✓ SPSS Statistical program
- ✓ SAS Statistical program
- ✓ Photoshop program

### **13- Academic Experience :-**

#### ✓ **Lecturing Experience :**

- (A)Plant propagation at college of Agriculture in Diyala University, 2006
- (B)Engineering Drawing at college of Agriculture in Diyala University, 2006
- (C)Medical and Aromatic Plants at college of Agriculture in Diyala University, 2013

## *Curriculum vitae*

- (D) Plant anatomy at College of Education pure sciences in Diyala University, 2013-2016.
- (E) Biotechnology at College of Education pure sciences in Diyala University, 2013-2016.
- (F) Tissue culture (Postgraduate) at College of Education pure sciences in Diyala University, 2015.
- (G) Plant growth regulators (Postgraduate) at College of Education pure sciences in Diyala University, 2015.
- (H) Statistics analysis (Postgraduate) at College of Education pure sciences in Diyala University, 2016.

### ✓ **Practical Experience:-**

- Agricultural unit director at college of engineering in Diyala University, 2002-2006.
- Teacher at college of engineering in Diyala University, 2008-2012.
- Teacher at College of Education pure sciences in Diyala University, 2013-2016.
- Head of Biology department Education pure sciences in Diyala University, 2014-2015.

### **14- Publications:-**

- ✓ The effect of the type of explants and the densities culture of cell suspensions via multiple drops arrays in the induction callus and regeneration of *Trigonella foenum-graecum* L.
- ✓ EFFECT OF POTASSIUM FERTILIZATION AND SPRAYING WITH BORON ON GROWTH AND FLOWERING OF TWO CULTIVAR OF *Dianthus caryophyllus* L.
- ✓ EFFECT OF SUCROSE AND 8-HQS ON VASE LIFE OF TWO CULTIVARS OF CARNATION *Dianthus caryophyllus* L..
- ✓ EFFECT OF BENZYAMINOPURINE AND GIBBERELIC ACID ON FLOWER LONGEVITY OF TWO CULTIVARS OF *Dianthus caryophyllus* L.
- ✓ Plant regeneration of fenugreek (*Trigonella foenum-graecum* L.) plant from cotyledonary node callus.
- ✓ EFFECT OF ZINC SULPHATE SPRAY ON GROWTH AND YIELD OF *Lactuca sativa* L. PLANTS IN NFT CULTURE SYSTEM.
- ✓ THE EFFECT OF POTASSIUM FERTILIZATION AND SPRAYING WITH BORON ON CARNATION PLANTS *Dianthus caryophyllus* L. ON VASE LIFE OF CUT FLOWERS.
- ✓ EFFECT OF BORIC ACID ON FLOWERS LONGEVITY OF TWO CULTIVARS OF *Dianthus caryophyllus* L.

## ***Curriculum vitae***

- ✓ RESPONSE OF *Calendula officinalis* L. PLANTS TO SPRAYING OF LIQUORICE AND ORGANIC FERTILIZER FOR POULTRY DROPPING EXTRACTS.
- ✓ Identification of diosgenin isolated from genetically engineered tissues cultures of *Trigonella foenum-graecum* L.
- ✓ CO-CULTIVATION OF CELL SUSPENSION-DERIVED FROM COTYLEDON NODE OF *Trigonella foenum-graecum* L. WITH Ri PLASMIDS UNDER ELECTRICAL SHOCK AND ISOLATION OF DIOSGENIN FROM GENITICALLY MODIFIED CALLUS.
- ✓ INFLUENCE OF CORMS SIZE AND SPRAYING WITH BENZYLADENINE AND PACLOBUTRAZOL ON GROWTH AND FLOWERING CHARACTERISTICS OF *Freesia sp.* L. PLANTS.
- ✓ Somatic embryogenesis and plant regeneration from cotyledonary node's calli of *Trigonella foenum-graecum* L.
- ✓ Genetically transformed hairy roots producing agropine induced on *Trigonella foenum-graecum* L. plant by *Agrobacterium rhizogenes* 1601.
- ✓ Regeneration of the Medicinal Plant *Ruta Graveolens* L. from Hypocotyl

***Muthana Mohammed Ibrahim***