

## Curriculum Vitae

**NASSER JEBER SHOLI**

**2019**

**Palestine Technical University – Kadoorie**

### **Current Status:**

**2015- Present: Department of Environment and Sustainable Development, Faculty of Science and Agriculture Technology, Palestine Technical University – Kadoorie**

**Teaching course:** Molecular techniques- Techniques in Tissue culture, Fundamental of Molecular biology, Molecular genetics and cell biology for Master student.

I addition to Geentic and plant breeding, and Biology I, Biology II and their labs

### **Contact information:**

- **E mail:** [nassr3@yahoo.com](mailto:nassr3@yahoo.com)
- **Phone Number** 0568982099
- **Nattionality:** Palestinian

**PhD** (2005): Biotechnology (Genetic Engineering), School of life sciences; Jawaharlal Nehru University, New Delhi, India. Title of the PhD dissertation: Regeneration and genetic transformation of banana (*Musa spp*). Thesis was intended to incorporate Hepatitis B surface antigen into Banana

The Ph.D was supported by a scholarship from the Palestinian Ministry for Higher Education

## **Personal:**

- Nationality: Palestinian
- Martial status: married with 3 kids

## **Education:**

### **1999-2005**

**M.phil courses:** Topics in radiation and cancer biology, Current topics in Immunology, topics in photobiology and con of cell differentiation and genetic manipulation

**Ph.D.:** In Genetic engineering and tissue culture from the Jawaher Lal Nehru University (JNU) in India.

**Thesis:** “Regeneration and Genetic Transformation of banana (Musa spp).

**Acquired Techniques:** Plant Tissue culture, RFLP markers, PCR, gene restriction maps, molecular cloning, radioactive probe labeling, gene library screening, Southern technique, In situ hybridization and screening of bacterial colonies, plasmid mini and maxi-preparations, DNA extraction, bacterial competent cells preparation, bacterial cell culture, Measuring of reporter gene activity ( $\beta$ -gal) in plant cellular extracts... etc.

### **1995-1998**

MSc degree in Biological Sciences, Department of Biological Sciences- Faculty of Science, University of Jordan, Amman, Jordan.

**Thesis title:** Effect of temperature on thermal acclimation and respiratory physiology of freshwater fish *Barbus canis*'

### **1989-1994**

BSc degree in medical analysis, Department of Medical analysis - Faculty of Science, Annajah National University, Nablus, Palestine.

**1987-1988**

General National Certificate of Secondary Education, Scientific Stream at Asira Esamalya School

## **Experiences:**

**2015- Present:** Assistance prof. at Palestine Technical University – Kadoorie

**2010-2015**

**Teaching at the Arab American University – Jenin the following courses:** Plant Tissue culture, plant biology and plant physiology, Biology 1 and 2, biology for medical students, and their labs, biochemistry lab, medical biotechnology, aquatic biotechnology.

**Teaching at Rawada Technical Community College:** Human anatomy, Human physiology and applied physiology for Anesthesia student

**2007- 2009**

Post doctorate at UNESCO Biotechnology Research Center, Bethlehem University, Bethlehem, Palestine: involved in Plant genetic transformation for a biotic and biotic stress

**Research:** National and international projects:

1- Application of Marker assisted breeding for TYLCV resistance tomato plant: USAID funded projects - UNESCO Biotechnology Center

DNA barcoding and nutrients value determination of Palestinian legumes and -2  
.grass plants as drought tolerance animal forage products

### **Projects Manager:**

**1- Establishment of animal gene bank at NARC- funded by FAO**

**Current Research focus:**

- 1- Screening for susceptible gene for scrape in sheep breed
- 2- Genetic polymorphism of sheep breed in Palestine
- 3- Studying some economically important trait in Awassi sheep in Palestine
- 4- Microporpagation of economically important crops in Palestine

**2005-2009**

\* Teaching at University of Jordan biology labs (Biology I and biology II )

### **Publications:**

- 1- Faisal Rashayda, **Nasser JY Sholi** and Read Attayat (2019). Genetic Polymorphisms of Milk Genes ( $\beta$ -Lactoglobulin and  $\kappa$ -casein) in Awassi Sheep Breeds in West bank of Palestine Territories. Small ruminant research ( submitted)
- 2- **Nasser JY. Sholi. (2018). Genetic Stability and Viruses- Free Strawberry Plants Propagated via Repeated Meristem Culture. *Global Proceedings Repository American Research Foundation*. <http://proceedings.sriweb.org>.**
- 3- **Nasser JY Sholi** (2017). Effect of BAP and soil type on production of Virus-free potato plant (*Solanum tuberosum L.*) regenerated via shoot tip meristem. Journal of Al Azhar University-Gaza (Natural Sciences), 19 : 1-14
- 4- Abbasi,I., Al-Sheikh,B., Alnjoum,K., **Al Shouli, N.**, Sawalha,K.,Abu-Eid,M. and Saleh,A (2016) Cynoglossum creticum isolate NARC53 ATP synthase beta subunit (atpB) gene, partial cds; chloroplast NCBI GenBank: KX401392.. <https://www.ncbi.nlm.nih.gov/nuccore/KX401392.1>
- 5- Abbasi,I., Al-Sheikh,B., Alnjoum,K., **Al Shouli, N.**, Sawalha,K., Abu-Eid,M. and Saleh,A Cynoglossum creticum isolate NARC53 maturase K (matK) gene, partial cds; chloroplast (2016) NCBI GenBank: KX401355.1 <https://www.ncbi.nlm.nih.gov/nuccore/KX401355.1>
- 6- Rola Jad Allah and Nasser JY Sholi (2016). Tensiometer as an Irrigation Management Tool and Its Effect on Water Use and Yield of Open Field

- Grown Cucumber. Journal of Agricultural Science and Technology B 6 (2016) 303-306
- 7- Rola Jad Allah, Nasser JY Sholi, Doha weld Ali. (2014). First Incidence of Agent of Tomato Pith Necrosis, *Pseudomonas corrugata* in Tomato Plant in North of Palestine. ). United States of America Research Journal (USARJ) Vol. 4, No. 4, 2014, ISSN 2332-2160
  - 8- **Nasser JY Sholi.** (2012). Effect of Salt Stress on Seed Germination, Plant Growth, Photosynthesis and Ion Accumulation of four Tomato Cultivars. American Journal of Plant Physiology, 7 (6) :269-275, 2012.
  - 9- Rola Jadallah<sup>1</sup> and Nasser Sholi, (2012). Isolation and detection of *Agrobacterium tumefaciens* from soil. Journal of Al Azhar University-Gaza (Natural Sciences), 2012, 14 : 77-84
  - 10- **Nasser JY Sholi**, Anjana C and Neera Sarin (2009)ABA enhances plant regeneration of somatic embryos derived from cell suspension cultures of plantain cv. Spambia (Musa spp.) . Plant Cell, Tissue and Organ Culture (PCTOC), Volume 99 Number 2 ,131-140.
  - 11- **Nasser JY Sholi**, Anjana Chaurasia, and Neera Bhalla Sarin. Towards improvement of *Musa* species through in vitro manipulations. International conference, Mombassa, Kenya, October 5-8, 2008.
  - 12- **Nasser Sholi**, H Coznek and N Iraki. Towards development of Palestinian cultivar of Tomato resistance to the Tomato Yellow Leaf Curl Virus by expressing a GroEl gene from the white fly *Bemisia tabaci* introduced by Agrobacterium- mediated transformation. MARD Scientific Symposium: Frontiers in Agriculture- A biotic and Biotic Stress in Plants, November 3-7, 2008, Amman, Jordan.
  - 13- N Iraki and **Nasser Sholi.** Screening for salt tolerance among three Palestinian Cultivars of tomato. MARD Scientific Symposium: Frontiers in Agriculture- Abiotic and Biotic Stress in Plants, November 3-7, 2008, Amman, Jordan.
  - 14- N Iraki, Yelena Golan, **Nasser Sholi**, Vijay Shulja and Csaba Koncz. Assessing the potential of Ost1 kinase to confer enhanced drought tolerance in tomato. MARD Scientific Symposium: Frontiers in Agriculture- Abiotic and Biotic Stress in Plants, November 3-7, 2008, Amman, Jordan.

**15-** Basma Sbieh, Rula Abu-Jries, **Nassr Sholi** and N. Iraki. Grapevine in Palestine: Incidence, detection and quarantine measures. MARD Scientific Symposium : Frontiers in Agriculture- Abiotic and Biotic Stress in Plants, November 3-7, 2008, Amman, Jordan.

### **Recent Training Courses**

- 1- Training course on Moodle, 5- 8 / 2 / 2018- Palestine Technical Universality
- 2- Training Course / Master in agribusiness. 22/- 28 /2 / 2018 Netherland