

## Shurouq Said Subuh

Department of biomedical science

An-Najah National University, Faculty of Medicine and Health Sciences

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### Education

- 2012 – 2016      B.S.      ***An-Najah National University***, Nablus, Palestine  
Bachelor's Degree in medical laboratory science, Cumulative GPA = 3.93/4.00
- 2014 – 2016      ***An-Najah National University***, Nablus, Palestine  
Degree in faculty of honor
- 2011 – 2012      ***Al- Fara' Secondary Girls School***, Tubas, Palestine  
Higher Secondary School (Scientific Stream) – Tawjihi, Average 97.4/100

### Research Experience

- 2016 – Present      **An-Najah National University, School of Medicine, Department of biomedical science**, Nablus, Palestine

#### ***Research Assistant***

- Working on glutamate ion channel receptors
- Rapid kinetic investigation of the mechanism of inhibition for a group of 2,3-benzodiazepine compounds, also known as GYKI compounds
- Investigating the mechanism of channel action, inhibition and regulation within the  $\mu$ s-to-ms time domain
- Using patch clamp, coupled with a laser-pulse photolysis technique as my main technical expertise in electrophysiology
- Working on Phenotypic Liver function assessment in Palestinian population and genetic association with type 2 diabetes development
- The role of macrophages in the progression in the liver fibrosis induced by CCL4 in animal model
- Diuretic effect of selected medical plants in animal model

- JUN/2018-JULY/2018      **Training course in Jülich Forschungszentrum**

Cell culture, hippocampal neuronal culture, DRG neuronal Culture, Brain Slicing

## **Teaching Experience**

2016 –Present

### ***Teaching Assistant***

- Teaching Assistant in the department of Medical Laboratory Science in multidisciplinary fields (Microbiology, Genetics and Molecular, Hematology, Biochemistry, Clinical)

## **Awards & Honors**

2014 Degree in faculty of honor from An-Najah National University, Nablus, Palestine

## **Laboratory Skills**

<b>Surgery</b>	Dissection of trigeminal and dorsal root ganglia from mouse
<b>Electrophysiology</b>	Patch clamp recording in Human embryonic kidney (HEK) 293T cells and Xenopus Oocytes: Whole cell, inside-out, outside-out, dual patch (multiple cells), and electrical stimulation of primary neuronal cultures
<b>Cell culture</b>	HEK293T cells, Primary culture of trigeminal ganglion neurons, Xenopus Oocytes.
<b>Biochemistry</b>	SDS-PAGE electrophoresis, PCR of genomic DNA, western blotting
<b>Chemistry</b>	Organic synthesis, gas chromatography (GC), mass spectrometry (MS)
<b>Molecular</b>	DNA Extraction, PCR, Gel electrophoresis, DNA Cloning, sequencing and Karyotyping
<b>Hematology</b>	Human cancer cell culture (HELLA cell, HEPA cell)
<b>Software</b>	Igor PRO 8, Adobe Illustrator, Microsoft Office

## **Communication skills**

- Leadership training course
- Good communication skills
- Ability to work within a team
- Ability to work under pressure

## **LANGUAGES**

Arabic: Native Language

English: Fluent