

Nidaa M. Awaja

Alsa'ada (3), Apt 26, Tal Alhawa, Gaza, Palestine

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Education:

- Kent State University, Kent, OH
Cell and Molecular Biology.
Department of Biological sciences.
PhD.
August 2011 – May 2017
- The Islamic University of Gaza, Gaza, Palestine
Bachelor of Science in Medical Technology
August 2005

Training Experience:

- **General laboratory training including the following departments:**
Parasitology, Hematology, Microbiology, Clinical chemistry and Serology.
Ministry of Health Laboratories
June 2005 – September 2005
- **Clinical Embryology training including:** Semen analysis, Semen preparation for IVF, Oocyte handling and denuding, ICSI (Intracytoplasmic sperm injection), Embryo culture, Fertilization and embryo grading, Cryopreservation of human semen and embryos.
Middle East Fertility Center – Cairo
November 2008 – April 2009

Work Experience:

Manager of Molecular Biology Lab: Current, Hala Fertility Center, Gaza, Palestine.

Research Assistant: December 2017 – April 2018, Supervised by Dr. Suhail Ayesh, Gene Medical Labs, Gaza, Palestine.

Graduate Student: August 2011 – May 2017, Dr. S. Vijayaraghavan's Molecular Biology and Male Reproduction Lab, Kent State University, Kent, OH, USA.

- Mouse handling and care
- Mouse sperm analysis
- Protein extraction
- Western Blotting
- DNA extraction
- RT-PCR
- Gel Electrophoresis

- Immunohistochemistry
- Immunoprecipitation

Graduate Teaching Assistant: August 2013 – May 2017, Department of Biological Sciences, Kent State University, Kent, OH, USA.

- Lab Experiences in Biology: An introductory biology laboratory for non-science major undergraduate students.
- Cell Biology Laboratory.

Teaching Assistant: June 2009 – July 2011, School of Nursing, Arab College of Applied Sciences, Rafah, Palestine.

- General Biology Laboratory

Clinical Embryologist & Andrologist: June 2009 – July 2011, Hala Fertility Center, Gaza, Palestine.

- Semen analysis
- Semen preparation for IVF
- Oocyte handling and denuding
- ICSI (Intracytoplasmic sperm injection)
- Embryo culture and embryo grading

Medical Lab technician: August 2008 – October 2008, UNRWA Labs, Rafah Clinic, Palestine.

- Parasitology
- Hematology
- Clinical Chemistry
- Serology

Genetic Lab technician: August 2005 - October 2006, Gene Medical Labs, Gaza, Palestine.

- DNA Extraction
- PCR
- Gel Electrophoresis

Honors and Scholarships:

- Fulbright Foreign Student Scholarship: August 2011 - August 2013
- Palestinian Ministry of Education & Higher Education scholarship for Honors students: 2001 – 2005

Publications:

- *Replacing protein phosphatase PP1 γ 2 with the PP1 γ 1 isoform in testis, restores spermatogenesis yet impairs sperm motility, and fertility. (Under review by Biology of Reproduction)*

- *Replacing protein phosphatase PP1 γ 2 with the PP1 γ 1 isoform in testis, restores spermatogenesis yet impairs sperm motility, and fertility. (Poster presented at the annual SSR meeting, San Diego, 2016)*

References available upon request.