

**DEVORAH OLAM**  
**4 Te'ashur Street**  
**Beit Shemesh, Israel**  
**02-644-7464**

**EDUCATION**

State University of New York College at Buffalo  
Didactic program in dietetics, May, 1995

Cornell University, Ithaca, NY  
B.S. Molecular Biology, August 1985

State University Agricultural and Technical College at Delhi  
A.A.S. Veterinary Science Technology

**ACADEMIC AWARDS/CERTIFICATION**

Radioactive Materials Handling Certificate, SUNYAB, 1986  
Chemical Rubber Company (CRC) Freshman Chemistry Award, 1981  
Certified by the New York State Registry of Medical Technicians, 1976

**LABORATORY TECHNIQUE EXPERIENCE**

Protein purification, ELISA, electrophoresis, preparation of frozen tissue sections, indirect immunofluorescence staining, western blots, electrophoresis, bacterial culture, cell culture, protein purification, surgery and micro-surgery, venipuncture, enzyme kinetics assays, total protein and total DNA determinations, blood gas analysis, IR spectroscopy, loss on drying analysis, Karl Fischer moisture analysis, computerized data analysis using Excel and Quatro-pro.

**WORK EXPERIENCE**

- 10/02-- Goldyn Savad Institute of Gene Therapy at Hadassah Ein Kerem, Jerusalem, Israel 91120  
Position: Laboratory Technician  
Duties: Breed and keep records of mouse colonies. Teach students how to manage mouse colonies. Perform animal surgery, take blood, give injections, or other animal related tasks. Perform serum biochemistries on a reflotron machine. Prepare tissue homogenates for western blots and perform IHC on paraffin sections. DNA purification and PCR from mouse tissue. Ordering supplies.
- 6/02—8/02 Keryx Biopharmaceuticals, Har-hotsvim, Israel (work performed at Hadassah Ein Kerem Diabetic Unit) Supervisors: Barak Yahalom DVM ,ph. 067-384849, Ehud Ziv Ph.D., ph. 053-851512  
Position: Veterinary Assistant  
Duties: Injections of experimental peptides for treating diabetes into Cohen rats or Psammomys obesus (Israeli desert rat). Injecting anti-tumor preparations into SPF nude mice. Weighing experimental animals and measuring tumors. Animal husbandry of Psammomys in the diabetic unit and the Cohen rats in the animal unit. Euthanizing animals and collecting tissue samples for histopathology .
- 3/97—11/01 Clifton Springs Hospital, Clifton Springs, NY 14432 ph. (315) 462-1331  
Position: Diet technician Supervisor: Betsy Chilbert, R.D.

Duties: Nutrition assessments, consults, diet instruction, teaching nutrition classes in the psychiatric care facility and in Cardiac Rehab. Dept., food intake study analysis using a Quatro Pro7 spreadsheet (now converted to Excel) which I created.

- 11/95--3/97 Nutrition Management Service Co. at Erie County Medical Center, 462 Grider St., Buffalo, NY 14215 (716) 898-3000  
Position: Diet Technician & Clerk Supervisor: Frank Wojtylak, R.D.  
Diet tech duties--acute care: Update patient diet records and tube feed orders. Nutritional screens, provide diet instructions and diet literature to patients on special diets. Supervise tray lines. Long-term care: update diet records and diet preferences using Menutracker software (IBM-DOS). Print menus, snack labels, census sheets and production sheets using Menutracker. Diet clerk duties: Update diet records of acute care patients. Receive phone calls for diet changes and special orders and write menus, request slips, labels, and requisitions for these orders. Complete the daily diet-order census and the tray-count census.
- 9/92-7/93 State University of NY at Buffalo, Buffalo, NY 14214  
Position: Microbiology Research Technician Supervisor: Dr. M. Stinson  
Duties: Protein purification using liquid chromatography columns, ELISA, electrophoresis, preparation of frozen tissue sections, indirect immunofluorescence staining, and western blots, bacterial culture.  
Research Subject: Streptococcal virulence factors relating to Strep induced glomerulonephritis.
- 10/88-9/90 State University of NY at Buffalo, Buffalo, NY 14214  
Position: Research Support Specialist Supervisor: Dr. Robert Noble  
Duties: Protein purification of hemoglobin A by liquid chromatography, separation and purification of alpha and beta chains and electrophoresis.  
Research Subject: Preparation of a physiologically useful synthetic hemoglobin.
- 1/87-10/88 State University of NY at Buffalo, Buffalo, NY 14214  
Position: Physiology Research Technician Supervisor: Dr. Edward Koenig  
Duties: Electrophoresis and western blots, cell culture, micro-surgery and indirect immunofluorescence labeling.  
Research Subject: Axonal growth of gold fish retinal ganglion cells.
- 9/85-12/86 State University of NY at Buffalo. Buffalo, NY 14214  
Position: Physiology Research Technician Supervisor: Dr. Sadis Matalon  
Duties: enzyme kinetics assays, and total protein and total DNA determinations. Exposed rabbits to varying oxygen atmospheres. Recorded physiological parameters, performed surgery, blood gas analysis on the rabbits, kept all research records, and did computerized data analysis, ordered supplies, maintained an inventory log of controlled pharmaceuticals, edited grant proposals and papers for publication, and supervised the student employees. Research Subject: Toxicity of oxygen treatment to the lung and (bovine) surfactant protection against oxygen caused damage.