

Robabeh Rezaeipoor (PhD)

Education	1978 - 1982 PhD Degree <ul style="list-style-type: none">Immunology	University of Illinois	Urbana, Illinois, USA
	1976 - 1978 MS Degree <ul style="list-style-type: none">Immunology	University of Illinois	Urbana, Illinois, USA
	1974 - 1976 MS Degree <ul style="list-style-type: none">Microbiology	University of Tehran	Tehran, Iran
	1970 - 1974 BS Degree <ul style="list-style-type: none">Biology	University of Tehran	Tehran, Iran
Professional Experience	1998-2005 Full Professor <ul style="list-style-type: none">Immunology	Medical School, Shahid Beheshti Medical University	Tehran, Iran
Potentialities	<ul style="list-style-type: none">Teaching Immunology, Microbiology, and Biology for Medical, Dentistry, Pharmacy, Veterinary, Microbiology, and Biology University StudentsPerforming Researches in Immunology		
Specialties	<ul style="list-style-type: none">Autoimmune Diseases Specifically in Systemic Lupus Erythematosus (SLE)ImmunochemistryMonoclonal Antibody ProductionLiquid Phase Fluoroimmunoassay		
Research Activities	<ul style="list-style-type: none">Production of Monoclonal AntibodiesDevelopment of a New Liquid Phase Fluoroimmunoassay (Patented as a new method at the UIUC, USA)Detection and Characterization of Autoantibodies in Systemic Lupus Erythematosus.Evaluation of different Tumor Markers in Cancers.Assessment of Circulating Immune Complexes (CIC) in Breast CancerVaccine Production Against Mustard GasImmunomodulation Using many different Traditional Medicinal PlantsTolerance Induction Using High Frequencies Magnetic Fields		
Methods Performing Abilities	<ul style="list-style-type: none">Monoclonal Antibody ProductionHapten-Carrier ConjugationRadioimmunoassay (RIA)Immunochemical MethodsEnzyme Linked Immunosorbent Assay (ELISA)Fluoroimmunoassay (FIA)Antibody Purification & CharacterizationHemolytic Plaque Forming Cell (HPFC)Nitro Blue Tetrazolium Test (NBT)Single Radial Immunodiffusion (SRID)Double Diffusion (Ouchterlony Test)Column Chromatography Purification (Ion Exchange, Molecular Sieve, and Affinity Chromatography)Microhemagglutination TestFlow CytometryPCRRT-PCRElectrophoresis		

- Immunoelectrophoresis
- SDS PAGE
- Slab Gel Electrophoresis
- Antibody Labeling with different markers such as FITC, Enzymes, etc.
- Radiolabing Proteins such as antibodies with Radioisotopes.
- Farr Assay
- Tissue Culture
- Affinity Measurement
- X- Ray Diffraction (Being trained right now)
- Electron Microscopy(Being trained right now)
- Transmission Electron Microscopy(Being trained right now)
- Scanning Electron Microscopy(Being trained right now)

Approved

Research Grant Proposals

- Effects of Magnetic fields on the Immune System.
- Oral Tolerance Induction in Systemic Lupus Erythematosus.
- Effects of Different Medicinal Plants on Immune system.
- Circulating Immune Complexes in Cancer patients, it's Correlation with disease activities and treatment.
- Evaluation of different immunological parameters in addicted People, focused on Immunoglobulins., complement, C.M.I and phagocytosis.
- Circulating Immune Complexes in SLE, Its correlation with Disease status.
- Development of a specific diagnostic method for SLE in Iran.
- Assessment of normal IgE value in Iranian children.
- Production of antibodies against Mustard gas.
- Development of a new liquid phase fluoroimmunoassay.
- Production of monoclonal antibodies.
- Immunochemistry of murine derived autoimmune anti-Nucleic acid antibodies characteristic of SLE.