

CURRICULUM VITA

Seyed Akbar Moosavi

Cell (۹۱۹) ۲۹۳-۲۹۰۳

EDUCATION & TRAINING:

- ۱۹۹۹ – ۲۰۰۴ MTP (AAB) Medical Technologist Provisional licenses in Microbiology, and Hematology, Board of Registry American Association of Bioanalysis (AAB).
- ۱۹۹۹ - ۲۰۰۲ CLSH (Clinical Laboratory Scientist in Hematology) certificates of high complexity in Hematology . National Credentialing Agency (NCA).
- ۱۹۹۴ - ۱۹۹۹ Ph.D. , Mol. Biology, Wayne State University
- ۱۹۸۷ - ۱۹۸۹ M.S., Biological Science, Southeastern Louisiana University
- ۱۹۸۰ – ۱۹۸۶ B.S., Biological Science, Southern University.

PROFESSIONAL POSITIONS:

- ۲۰۰۷- present Teaching in Allied Health , Medical School, and Dental School in University of Medical Science of Iran, Tehran, and Rafsanjan.
- ۱۹۹۶ – present Assistant professor, Department of Science, Madonna University, Livonia, MI, U.S.A.
- ۲۰۰۰ – ۲۰۰۷ Assistant professor, Department of Natural Science, LTU, Southfield, MI U.S.A.
- ۲۰۰۶ – ۲۰۰۸ Researcher, Department of Cytogenetic, and Molecular genetics Henry Ford Hospital, Detroit, MI U.S.A.
- ۲۰۰۶-۲۰۰۷ Lab Assistant , Department of cytogenetic, Hutzel professional Detroit Medical Center (DMC), Detroit, MI U.S.A.
- ۱۹۹۹- ۲۰۰۰ Adjunct assistant professor, Department of Science, Eastern Michigan University (EMU) , Ypsilanti, MI U.S.A.

2000-2002 Clinical instructor , Department of Allied Health , Henry Ford Community College, Dearborn, MI U.S.A.

1998 - 2001 Lab Technician, Immunodiagnostic Laboratory, Farmington Hills, MI U.S.A.

1994 - 1998 Research Assistant, Department of Biological Science & molecular Genetics, WSU, Detroit, MI U.S.A.

1990 - 1992 researcher, Department of Microbiology, University Hospital Detroit Medical Center (DMC) , Detroit, MI U.S.A.

RESEARCH EXPERIENCE:

Performed cytogenetics and molecular genetics (FISH) research on human bone marrow sampled from patients suffering from two types of cancers: Acute lymphocytic leukemia (ALL) and AML.

Performed investigation in synergistic effect of Hydroxy Urea and vanillin in desickeling process of erythrocytes.

Analyzed production of superoxide in stimulated leukocytes.

Performed extensive research on HIV-1 and HIV-2 genomes, and their penetration via placenta and also amplification of their gens by PCR.

Done extensive research in antimicrobial susceptibility of anaerobic gram negative rod shaped bacteria derived from human specimens.

Performed diagnostic lab procedures for more than 10 years in the areas of:

- . Cytogenetics
- . Molecular genetics
- . Microbiology
- . Hematology
- . Blood chemistry
- . Immunology

. Serology

. Urinalysis

Operated various types of analytical machines and auto analyzers e.g:

. Fluorescence ,invert phase ,contrast, and light microscopes

. Real-time PCR and PCR

. ABI Biosynthesis DNA sequencing machine

. Cell Dyne CBC machine

. Beckman Blood chemistry

. IMX machines

Teaching Experiences:

Since ۱۹۸۷, I have taught following graduate and undergraduate level courses in multiple fashions (in campus, on-line, and Hybrid) .

Neurogenetics, Reproductive Genetics, Molecular medicine , Pathology of Radiation, Microbiology, Biology , Health problems, Molecular Genetics, cell biology labs, Heredity & Evolution, Cells & organisms, Anatomy & physiology, Pathophysiology, Radiographic pathology, Ecology, parasitology, Hematology, Interpretation of Laboratory Result, and Virology.

PUBLICATIONS:

Moosavi, Seyed A. and A. Adyenka AML-^t and TEL gene amplification in derivative chromosomes in ALL and AML patient . Henry Ford hospital , IN PRINT (the manuscript accepted) Cytogenetic & Cancer , ۲۰۰۹.

.Zaker F, Safaei A. Abdollahzadeh M, Moosavi S A, and Dargahi H.. Frequency and susceptibility of NQO¹ gene polymorphisms in patients with acute myeloid leukemia. Arch Iran Med, ۲۰۱۳.

Nasari N, Shaikhy M, Zaker F, Moosavi SA, Marijani AJ. Detection and biological characteristic of FLT³ gene mutations in children with acute leukemia. Arch Iran Med. ۱۷:۲۵۸-۲۶۱, ۲۰۱۴.

Heshmati F. Yazdanparast SA, Moosavi SA Dargahi H, Tabibzaheh f. Aspect of bacterial colonization in newborn babies African J. Microbiol Res. ۵(۱۶): ۲۲۳۴-۲۲۴۰, ۲۰۱۱.

Ghafarnejad M, Adabi K. Moosavi SA. Uteroneovaginal cannulation using Pezzer catheter in patients with vaginal agenesis and functional uterus. *Obst. And Gynaeco. Res.* ۱۰۰۱-۱۰۱۱, ۲۰۱۲.

. Co –translators of journals of medical science of Rafsanjan ۲۰۰۷-۲۰۰۸.

. W.J. Brown, S. Moosavi. Time killed studies of the activity of temafloxacin against four strains of bacteriods, Detroit Medical center, *Clinical infectious Disease* ۱۶:۵۰۳۰-۷, ۱۹۹۳

. Moosavi et.al. Aerobic microtiter MIC testing of anaerobes using oxyrase. *Microbial.* ۱۴۰, ۱۹۹۳.