

Curriculum Vitae

Personal Details:

Name: Masoud Golalipour
Date of birth: ۱۹th Sep ۱۹۷۳
Place of birth: Mahmoudabad-e-Amol, IRAN
Marital status: Married
Nationality: Iranian

Contact Information:

Medical Cellular and Molecular Research Center
Golestan University of Medical Sciences (GOUMS),
Hirkan Boulevard, Gorgan, IRAN
Tell: +۹۸۱۷۳۲۴۳۰۳۱۰۲۰
Cell phone: +۹۸۰۹۱۱۲۷۵۴۹۷۸
Email: gapmasood@goums.ac.ir

Language: Persian and English

Education and Qualification:

- ۲۰۰۱-۲۰۰۶: Ph.D. in Molecular Genetics Department of Biology, Faculty of Sciences, Tarbiat Modares University Tehran, IRAN
- ۱۹۹۶-۱۹۹۹: M.Sc. in Microbiology, Department of Biology, Faculty of Sciences, Isfahan University, Isfahan, IRAN
- ۱۹۹۲-۱۹۹۶: B.Sc. in Microbiology, Department of Biology, Faculty of Sciences, Gorgan Azad University, Gorgan, IRAN

Titles of Thesis:

- Ph.D. Thesis: Study of association between MRP¹ gene and multidrug resistance in leukemic patients.
- M.Sc. Thesis: Study of Beta-lactamase and Protein A in *S.aureus*

Employment History:

۱. Assistant Professor in Gorgan University of Agricultural Sciences and Natural Resources (GAU), April ۲۰۰۷ till February ۲۰۰۹
۲. Assistant Professor in Golestan University (GU), March ۲۰۰۹ till September ۲۰۱۵
۳. Assistant Professor in Golestan University of Medical Sciences (GOUMS), September ۲۰۱۵ till now

Memberships:

- Iranian Society of Human Genetics
- Iranian Society of Genetics

Publications:

۱. Mohamadian S, Golalipour M, Yazdani Y, Farazmandfar T, Tabarraei A, Shahbazi M. Oscillation in expression of Adenylyl Cyclase isoforms: new insight to regulation of molecular clock. Under press
۲. Mansoori M, Tahmasebifar A, Golalipour M, Alizadeh Sh, Jahangirrad A, Khandozi S.R, Fakharai H, Shahbazi M. Variations of the ABCB¹ (adenosine triphosphate binding cassette, sub-family B, member 1) gene may lead to an mRNA level increase: application to gastric cancer. ۲۰۱۶; ۱۶ (۱۸): ۸۴۶۷-۸۴۷۱.
۳. Biabangardzak A, Golalipour M, Hadadchi G. High Prevalence of Y Chromosome Partial Microdeletions in Overweight Men. ۲۰۱۵; ۷(۳): ۹۷-۱۰۰.
۴. Biabangardzak A, Golalipour M, Hadadchi G, Abbaspour. A study of the relationship between testosterone, Age, serum lipoprotein levels and body Mass index in men in Golestan Province. Arak Medical University Journal ۲۰۱۴; ۱۷(۹۲): ۲۹-۳۶.
۵. Eftekhar F, Rastegar M, Golalipour M, Mansoursamaei N. Detection of extended spectrum Beta-lactamases in urinary isolates of Klebsiella pneumoniae in relation to blaSHV, blaTEM and blaCTX-M gene carriage. Iran J Pub Health ۲۰۱۲; ۴۱(۳): ۱۲۷-۱۳۲.
۶. Ashori, A., Sheykhnazari, S., Tabarsa, T., Shakeri, A., & Golalipour, M. ۲۰۱۲. Bacterial cellulose / silica nanocomposites: Preparation and characterization. Carbohydrate Polymers
۷. Sheykhnazari, S., Tabarsa, T., Ashori, A., Shakeri, A., & Golalipour, M. ۲۰۱۱. Bacterial synthesized cellulose nanofibers; Effects of growth times and culture mediums on the structural characteristics. Carbohydrate Polymers ۹۶ (۳): ۱۱۸۷-۱۱۹۱.
۸. Golalipour M, Mahjoubi F, Sanati MH. RNAi induced inhibition of MRP¹ expression and reversal of drug resistance in human promyelocytic HL60 cell line. Iranian Journal of Biotechnology ۲۰۰۶; ۴: ۱۶۹-۱۷۳.
۹. Golalipour M, Mahjoubi F, Sanati MH, Kamran A. Gene dosage is not responsible for the upregulation of MRP¹ gene expression in adult leukemia patients. Archives of Medical Research ۲۰۰۷; ۳۸: ۲۹۷-۳۰۴.
۱۰. Banoei MM, Chaleshtori MH, Sanati MH, Panahi MS, Majidzadeh T, Rostami M, Manshadi MD, Golalipour M. Diversity and relationship between Iranian ethnic groups: human dopamine transporter gene (DAT¹) VNTR genotyping. American Journal of Human Biology ۲۰۰۷; ۱۹: ۸۲۱-۸۲۶.
۱۱. Mahjoubi F, Golalipour M, Ghavamzadeh A, Alimoghaddam K. Expression of MRP¹ gene in acute leukemia. Sao Paulo Medical Journal ۲۰۰۸; ۱۲۶: ۱۷۲-۹.
۱۲. Banoei MM, Chaleshtori MH, Sanati MH, Shariati P, Houshmand M, Majidzadeh T, Soltani NJ, Golalipour M. Variation of DAT¹ VNTR alleles and genotypes among old ethnic groups in Mesopotamia to the Oxus region. Human Biology ۲۰۰۸; ۸۰: ۷۳-۸۱.

Conference Presentations:

۱. Golalipour M, Mahjoubi F, Sanati M.H. Real-time quantitative polymerase chain reaction for evaluation of MRP¹ mRNA level in Iranian AML patients. Poster presentation in European Conference of Human Genetics, May ۷-۱۰, ۲۰۰۵, Prague Congress Centre, Prague, Czech Republic.

۲. Golalipour M, Mahjoubi F, Sanati Mohammad-Hussein. siRNA induced inhibition of MRP1 expression and reversal of resistance in human promyelocytic cell line. Poster presentation in European Conference of Human Genetics, May ۶-۹, ۲۰۰۶, RAI Congress Centre, Amsterdam, The Netherlands.

۳. Mahjoubi F, Golalipour M, Alimoghaddam K. Molecular mechanism of multidrug resistance in cancer chemotherapy: Clinical significance of MRP1 gene in Iranian leukemic patients. Paper in ۹th Iranian genetics congress, May ۲۰-۲۲, ۲۰۰۶, Milad Hospital Hall Centre, Tehran, Iran.

۴. Golalipour M, Mahjoubi F, Alimoghaddam K. Real-time PCR based strategy to study MRP1 gene amplification in patients with acute leukaemia. Paper in ۹th Iranian genetics congress, May ۲۰-۲۲, ۲۰۰۶, Milad Hospital Hall Centre, Tehran, Iran.

۵. Talebi S, Badiei Z, TavakolAfshari J, Brouk A, Golalipour M, Mahjoubi F. Monitoring minimal residual disease in pediatric ALL using real-time quantitative PCR for wilms tumor gene (WT1): Prognostic significance and correlation with disease status. Paper in ۹th Iranian genetics congress, May ۲۰-۲۲, ۲۰۰۶, Milad Hospital Hall Centre, Tehran, Iran.

۶. Rahmani S, Mirfakhræ R, Golalipour M, Mirzajani F. Prevalence of gr/gr deletion among Iranian azoospermic infertile men. Poster presentation accepted in European Conference of Human Genetics ۲۰۰۸, May ۳۱ - June ۳, ۲۰۰۸, CCIB Congress Centre, Barcelona, Spain.

Other Activities:

۱. Contribution as an instructor to the ۲nd International Workshop on "Application of advanced molecular method for the diagnosis of human genetic disease" organized by National Research Centre for Genetic Engineering and Biotechnology (NRCGEB) and ICGEB, Sep ۱۳-۱۷, ۲۰۰۴, Tehran, Iran.

۲. Contribution as an instructor to the ۳rd International Workshop on "Application of advanced molecular method for the diagnosis of human genetic disease" organized by National Institute for Genetic Engineering and Biotechnology (NIGEB) and Kyiv Medical Academy of Post-diploma Education, Dec ۳-۷, ۲۰۰۵, Tehran, Iran.

۳. Contribution as an instructor to the International Workshop on "Introduction to advanced molecular, Cytogenetic and molecular Cytogenetic techniques: Their application in diagnosis of genetic disease" organized by National Institute for Genetic Engineering and Biotechnology (NIGEB) and Biotechnology (NRCGEB) and Institute for Research and Planning in Higher Education (IRPHE), Nov ۱۹-۲۲, ۲۰۰۶, Tehran, Iran.

Research and Technical Experience:

۱. Basic techniques in Molecular biology: DNA, RNA and Protein extraction, cell culture, PCR, RT-PCR, Gel electrophoresis and PAGE.

۲. DNA cloning

۳. Oligonucleotide design: Primer, Probe and siRNA

۴. Fluorescent *in situ* Hybridization (FISH)

۵. Nucleic acid quantification using Real time PCR

۶. siRNA and shRNA-induced gene silencing

۷. Molecular modelling using Gromacs

Other Skills:

Professional in working with:

۱. Windows, Linux (Ubuntu) and other general softwares.
۲. Statistical softwares: SPSS, SigmaPlot.
۳. Biological Software: DNASIS, Bioedit, Generuner, Gelpro, Primer premier, Primer۳, RNAdraw, Progeny, PAUP, Chromas, Genepop, Clustall.
۴. Other scientific softwares: Matlab, Biodraw, Endnote, Gromacs.

Hobbies, Interests and Activities:

Music, Sport and Genetic philosophy.

Referees:

Dr F. Mahjoubi
Ph.D. in Molecular Cytogenetics
Researcher, Head of the Medical Genetic Department
National Institute of Genetic engineering and Biotechnology (NIGEB)
Pajooresh Blvd. Tehran
P.O. Box: ۱۴۱۰۰-۶۳۴۳
Tel: +۹۸ ۲۱ ۴۴۰۸۰۳۸۹
Fax: +۹۸۲۱ ۴۴۰۸۰۳۹۹
E-mail: frouz@nrcgeb.ac.ir

Dr M.H. Sanati
Ph.D. in Biotechnology
Researcher, Medical Genetic Dept,
National Institute of Genetic engineering and Biotechnology (NIGEB)
Pajooresh Blvd. Tehran
P.O. Box: ۱۴۱۰۰-۶۳۴۳
Tel: + ۹۸ ۲۱ ۴۴۰۸۰۳۴۶
Fax: +۹۸ ۲۱ ۴۴۰۸۰۳۹۹
E-mail: mhsanati@nrcgeb.ac.ir