

Curriculum Vitae

Personal details

Name: Mansoor Salehi

Date of Birth: 07/2/1960 Married with 2 children

Home Address: N0 16 Ali Akbar Baik Lane
Sharif Vaghefi St.
Isfahan 81537, Iran

Work Address: Department of Genetics and Molecular Biology
Medical School, Isfahan University of Medical Sciences
Isfahan 81744-176, Iran

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Education

- 1998 – 2000 Post Doctoral Research Training Course, School of Sciences,
Sunderland University, Sunderland, UK
- 1994 – 1998 Ph.D. in Molecular Genetics, Institute for Cancer Studies
Sheffield University Medical school, Sheffield, UK
- 1993 – 1994 M.Sc. in Genetics, Institute for Cancer Studies
Sheffield University Medical school, Sheffield, UK
- 1980 – 1984 B.Sc. in Biology, Faculty of Sciences, Isfahan University, Isfahan, Iran

Work Experiments

2000 – Now	Lecturer in Molecular Biology, Department of Genetics and Molecular Biology, Medical School, Isfahan University of Medical Sciences, Isfahan 81744-176, Iran
1998 – 2000	Post-doctoral Research Fellow in the School of Sciences, Sunderland University, Sunderland, UK
1992 – 1993	Research Fellow in the Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
1989 – 1992	Research Fellow in the Faculty of Medicine, Kashan Medical University, Kashan, Iran

Research expertise

I am expert in the following molecular biology, cell culture and histology techniques:

Preparation and Analysis of DNA; DNA Purification from Animal and Plant tissues, Minipreps and Large-Scale Preparation of Plasmid DNA, Introduction of Plasmid DNA into Cells (Transformation), Preparing and Using of Lambda Phages, Preparing and Using M13-Derived Vectors.

Size Fractionation of Nucleic Acids: Electrophoresis Using Agarose and Polyacrylamide Gel Electrophoresis.

Analysis Of DNA and RNA Sequences by Blotting and Hybridization; Southern and Northern Blotting, Dot and Slot Blotting, Hybridization Analysis of the Blots, Radioisotopes Manipulation of Nucleic Acids (Labeling and Detection of Probes) and Autoradiography.

Enzymatic Manipulation of Nucleic Acids: Digestion of DNA with Restriction Endonucleases (Multiple Digestions, Partial Digestions), DNA Ligation and Subcloning of DNA Fragments.

Preparation and Analysis of RNA; Preparation of Cytoplasmic RNA From Tissue Culture Cells, (Guanidinium Methods for Total RNA Preparation, Phenol/SDS Method for Plant RNA Preparation), Preparation of Bacterial RNA, Preparation of Poly (A)⁺ RNA, S1 Analysis of

RNA, Ribonuclease Protection Assay, Primer Extension, Analysis of RNA by Northern and Slot Blot Hybridization, Conversion of mRNA into Double-Stranded cDNA.

Construction of Recombinant DNA Libraries: Genomic and cDNA Libraries, Screening of Recombinant DNA Libraries.

DNA Sequencing: (dideoxy or Sanger method).

Introduction of DNA into Mammalian Cells.

In situ Hybridization and Immunohistochemistry; Fixation Embedding and Sectioning, Cryosectioning, In situ Hybridization to Cellular RNA, Detection of Hybridized Probe, Counterstaining and Mounting of Autoradiographed In situ Hybridization Slides, Immunohistochemistry (Using Isotopic and Nonisotopic Labeled Probes).

The Polymerase Chain Reaction (PCR) Based Techniques, Quantitation of Rare DNAs by PCR, Enzymatic Amplification of RNA by PCR, cDNA Amplification Using One-Sided (Anchored) PCR, Molecular Cloning of PCR Products, In situ PCR (ISPCR), Direct DNA Sequencing of PCR Products and Differential Display

Research Projects

Specific inactivation of telomerase enzyme using antisense oligonucleotide technology against hTR in leukemia

Members: Dr . M. Rabani, Dr. R. Salehi, Dr. M. MirMohammad Sadeghi & Dr. N. Naghsh
Authority: Isfahan University of Medical Sciences, Deputy for Research

Specific inactivation of telomerase enzyme using antisense oligonucleotide technology against hTR in leukemia

Members: Dr. I. Dostan, Dr. Mokarian, Dr. Mohajeri
Authority: Isfahan University of Medical Sciences, Deputy for Research

Publications:

A) JOURNAL PAPERS

Detection of Toxoplasma parasitemia by PCR: Does it correlate with TgG and TgM antibody titers?

Journal: Iran. J. Immunol. 2006;1(3)

Authors: صدري-دکتر منصور صالحی-دکتر حق پناه

Evaluation of relationship between minimal residual disease (MRD) and relapse in childhood acute lymphoblastic leukemia(ALL) using quantitative fluorescent PCR

Journal: Journal of Sciences, Islamic Republic of Iran. 2005;16(3)

Authors: کریمیان-قیصری-ممعافی-دکتر منصور صالحی-دکتر رسول صالحی

A cytogenic study of Burkitts lymphoma cell lines; Daudi, Namalwa and Raji.

Journal: European Journal of Cancer Supplements. 2003;1(5):180-180

Authors: Salehi, M., Salehi, R. & Goyns M.H.

Evaluation of human papilloma virus infection in cervical cancer and P53 gene mutations.

Journal: European Journal of Cancer Supplements. 2003;1(5):60-60

Authors: Salehi, R., Salehi, M. & Shoaie, P.

Analysis of gene expression during ageing of the rat brain.

Journal: Br. Neurosci. Assoc. Abstr. 1999;15:56-56

Authors: Shaw, J.E., Dunford, J.E., Gair, S., Salehi, M., Simoes, D. de C.M. & Goyns, M.H.

Fluorescence in-situ hybridization analysis of the fos / jun ratio in the ageing brain

Journal: Mech. Age. Devel. 1999;107:61-71

Authors: Salehi, M., Barron, M., Merry, B.J. & Goyns, M.H

Differential display analysis of gene expression indicates that age-related changes are restricted to a small cohort of genes.

Journal: Mech. Age. Devel. 1998;101:73-90

Authors: Goyns, M.H., Charlton, M.A., Dunford, J.E., Lavery, L.W., Merry, B.J., Salehi, M. & Simoes, D.C.M.

Investigation of genes which exhibit differential expression during ageing, and their relevance to the immortalisation of tumour cells.

Journal: Br. J. Cancer. 1997;75(1):38-38

Authors: Charlton, M.A., Salehi, M., Merry, B.J. & Goyns, M.H

Age-related changes in gene expression identified in the rat brain by differential display.

Journal: Experientia. 1996;52:888-891

Authors: Salehi, M., Hodgkins, M., Merry, B. & Goyns, M.H.

Applicatin of artificial neural networks in cancer classification and diagnosis prediction of a sub-type of Lymphoma based on gene expression profile

Journal: Journal of Medical Sciences. 1

Detection of HBV DNA in HBs Ag negative normal blood donors

Journal: Iranian Journal of Immunology.

Authors: دکتر شریعتی نژاد -عریضی -دکتر کاظمی - دکتر جعفرزاده -دکتر منصور صالحی -دکتر بورآدر

Detection of rifampin resistance patterns in Mycobacterium tuberculosis strains isolated in Iran by polymerase chain reaction-single-strand conformation polymorphism and direct sequencing methods

Journal: Memorias do Instituto Oswaldo Cruz.

Authors: دکتر تدهیبی -دکتر منصور صالحی -دکتر توکلی -دکتر نصر

First report of the isolation of Brucella abortus in Isfahan, Iran using PCR-RFLP analysis

Journal: Iranian Journal of Public health.

Authors: دکتر رحمانی - دکتر رسول صالحی - دکتر بیشوا - دکتر منصور صالحی

Mutations in the rpoB gene of Rifampin resistant Mycobacterium tuberculosis isolated in Isfahan by PCR-SSCP

Journal: Journal of Sciences, Islamic Republic of Iran. 3

Role of phosphoramidate antisense in specific inhibition of K562 leukemia cell line

Journal: Journal of Sciences Islamic Republic of IRAN.

Authors: دکتر نوری - دکتر میرمحمد صادقی - دکتر منصور صالحی - دکتر ربانی - دکتر روحانی - نقش

B) CONFERENCES

CD34/ACC133/VEGFR2 positive stem cells: the only candidates for CML cell transformation.

Conference: 16th International congress of Geographic Medicine: Advances in Basic and Clinical Oncology. 2003; (Speech)

Authors: Rafieian, S.H., Doostan, I. & Salehi, M.

Evaluation of CGH for clinical molecular diagnosis of NHL

Conference: The First International Congress of Cancer Genetics (Under the Auspices of the International Union Against Cancer).. 2003; (Poster)

Authors: Salehi, M., Salehi, R. & Goyns M.H.

) Evaluation of PCR for detection of Mycobacterium tuerclusis in sputum, pericardial fluid, bone marrow and periferal blood specimens in Iran.

Conference: . 10th International Congress on Infectious Diseases.. 2002; (Poster)

Authors: Salehi, M. & Salehi, R.

Attempted PGD of thalassemia using sequential first and second polar body analysis in Iran.

Conference: Forth Internation Symposium on Preimplantation Genetics.. 2002; (Speech)

Authors: Salehi, M., Salehi, R., mousazadeh, M. & Sabahi, A.R.

Distinctive in chromosome numbers and cell cycle response to cytokines were observed between paired primary and metastatic melanoma cell lines

Conference: 6th International Symposium on Predictive Oncology & Intervention Strategies. 2002; (Poster)

Authors: AR. Andalib, M. Salehi, K. Sisley, J. Lawry

Evaluation of preimplantation diagnosis for β -thalassemia using single blastomer PCR, RFLP and sequencing

Conference: Forth Internation Symposium on Preimplantation Genetics Diagnosis. 2002; (Poster)

Authors: Salehi, R., Salehi, M., Mousazadeh, M. & Sabahi A.R.

Identification of different gene expression patterns in Clozapine responsive and Clozapine resistant Schizophrenic patients by differential display.

Conference: The 10th World Congress on Psychiatric Genetics.. 2002; (Poster)

Authors: Salehi, M., Salehi, R. & Goyns M.H.

Study of differences in gene expression between low-grade and high-grade non-Hodgkins lymphoma (NHL).

Conference: 9th Asian Pacific Congress of Clinical Biochemistry. 2002; (Speech)

Authors: Salehi, M., Salehi, R. & Goyns, M.H.

A Cytogenetics study of malignant lymphoma.

Conference: The 1st Iranian Congress of Cancer Research. 2001; (Speech)

Authors: Salehi, M., Salehi, R. & Goyns M.H.

Analysis of gene expression during ageing of the rat brain reveals down-regulation of BC1.

Conference: . 1st European Congress of Gerontology.. 2001; (Speech)

Authors: Salehi, M., Barron, M., Merry, B.J. & Goyns M.H.

Increase in GFAP protein expression during ageing is because of higher expression of gene rather than astrocytes hypertrophy.

Conference: 6th Iranian Congress of Biochemistry. 2001; (Speech)

Authors: Salehi, M., Salehi, R. & Sabahi A.R.

Is the origin of CLL cells CD5+ B-lymphocytes?

Conference: The 3rd Iranian Congress of Hematology & Oncology Society. 2001; (Poster)

Authors: Salehi, M., Salehi, R. Sabahi, A.R. & Goyns M.H.

Study of differences in gene expression between low-grade and high-grade non-Hodgkin's lymphoma (NHL).

Conference: First International Iranian Congress on Cancer.. 2001; (Speech)

Authors: Salehi, M., Salehi, R. & Goyns, M.H.

Study of P53, P16 gene mutations and HPV infection in cervical cancer samples.

Conference: The 1st Iranian Congress of Cancer Research. 2001; (Speech)

Authors: Salehi, R., Salehi, M.,-- Shoaie, P. & Shanesaz, M.

Investigation of changes in gene expression during ageing of the rat brain by differential display.

Conference: Differential Display and Related Techniques for Gene Discovery Cold Spring Harbor Laboratory. 1996; (Speech)

Authors: Salehi, M., Hodgkins, M.A., Merry, B.J. & Goyns, M.H.

Investigation of changes in gene expression during ageing of the rat brain by differential display.

Conference: 29th American Ageing Association (AGE) and 11th American College of Clinical Gerontology Joint meeting. 1996; (Poster)

Authors: Salehi, M., Hodgkins, M., Merry, B. & Goyns, M.H.

References

Professor Malcolm H. Goyns
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