

CURRICULUM VITAE

Date of preparation: November, 2010



NAME: Mozghan Rasti

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DATE OF BIRTH: September 16, 1967

PLACE OF BIRTH: Shiraz, Iran

MARITAL STATUS: Married

NUMBER OF CHILDREN: 2

EDUCATION:

2001-2005 PhD in Cancer studies
CRUK, Institute of Cancer Studies
Medical School, Birmingham University
Birmingham, U.K.

1993-1995 M.Sc. in Clinical Biochemistry
Department of Biochemistry of
Shiraz University of Medical Sciences
School of Medicine, Shiraz, Iran

1986-1991 B.Sc. in Biology, Major: Zoology
Shiraz University, Faculty of Sciences
Department of Biology, Shiraz, Iran

FACULTY ATTENDENCE:

- 2010 - Present Associate Professor in cell and Molecular Biology at Shiraz University of medical Sciences
- 2005 -2010 Assistant Professor in cell and Molecular Biology at Shiraz University of medical Sciences
- 2001-2005 Ph.D. Studying at Birmingham University, UK.
- 1998-2001 Biochemistry instructor at Department of Biochemistry of Shiraz University of Medical Science, School of Medicine, Shiraz, Iran
- 1995-1998 Biochemistry instructor at Department of Biochemistry of Rafsanjan University of Medical Science, School of Medicine, Rafsanjan, Iran

EXPERINCE:

- 2006- Present Associate Head of Biochemistry Department for academic affair and graduate studies
- 2005- Present Teaching Biochemistry and molecular Biology in Shiraz University of Medical Science
- 1998 to 2001 Teaching Biochemistry at Shiraz School of Medicine, Nursing and Midwifery School, Paramedical Sciences School, Hygiene School of Shiraz University of Medical Sciences
- 1995- 1998 Teaching Biochemistry at Rafsanjan School of Medicine, School of Dentistry, Nursing and Midwifery School of Rafsanjan University of Medical Sciences

WORKSHOPS PARTICIPATED:

- Workshop on medical education fellowship program, 2009
- Workshop on teacher as a role model, 2009
- Workshop on ethics in research, 2009
- Workshop on how to be an able professor, 2007
- Workshop on Scientific writing articles, 2007
- Workshop on Medical Education Assessments, 2006
- Workshop on Medical Education, 2006
- Workshop on Education planning, 2006
- Workshop on student advising, 2005
- Workshop on Computer training, 2000
- Workshop on the principles of Academic Correspondence March 9, 2000
- Workshop on Sampling and choose Criteria Planning May 31, 2000 at Center for Development of Medical Education, Shiraz University of Medical Sciences, Shiraz, Iran
- Workshop on Medical Education planning, June 25, 1997
- Workshop on Research Planning October 8, 1996 at Rafsanjan University of Medical Sciences Rafsanjan Iran

HONORS AND DISTINCTIONS:

Certificate of Excellence in Teaching Biochemistry and Genetic at Shiraz University of Medical Sciences, 2008

Distinguished assistant Professor and a member of Scientific, Reviewing and Executive committee in the ninth Iranian Congress of Biochemistry & the second International Congress of Biochemistry and Molecular Biology, October 29- November 1, 2007, Shiraz University of Medical Sciences

Certificate of Excellence in Teaching Biochemistry Shiraz University of Medical Sciences, School of Medicine 1999

Distinguished student both in M.Sc. (1995)
And B.Sc. (1991) Courses.

PUBLICATIONS:

Naghibalhossaini F, Mokaram P, Khalili I, Vesei M, Hosseini V, Ashketorab H, Rasti M and Abdollahi K. MTHFR C677T and A 1298C variant genotypes and the risk of microsatellite instability among Iranian colorectal cancer patients. *Cancer genetics and cytogenetics* 2010;197, 142-151.

Rasti M, khatooni Z, Mostafavi-pour Z, Nikseresht M. Producing GST-p53 recombinant protein and polyclonal antibody against it. *Journal of the Iranian chemical society* 2009; vol 6, suppl. S155.

Rasti M, Honardar Z, Nikseresht M, Owji A. New approach in quantification of HER2 and EGFR genes amplification by high-performance liquid chromatography. *Journal of the Iranian chemical society* 2009; vol 6, suppl. S105.

Hemmati M, Mostafavi-pour Z, Seghatoleslam A, Rasti M, Ebadat S, Mosafary N. Characterization of purified recombinant ESAT6, CFP10 and ESAT6/CFP10 fusion protein of *Mycobacterium Tuberculosis C*. *Journal of the Iranian chemical society* 2009; vol 6, suppl. S30.

Ebadat S, Mostafavi-pour Z, Hemmati M, Rasti M, Seghatoleslam A, Mosafary N. Expression and purification of antigen 85 complex (A, B, C) and MPB-64 from *mycobacterium bovis* AN5. *Journal of the Iranian chemical society* 2009; vol 6, suppl. S25.

Rasti M, Tavasoli P, Monabati A. and Entezam M Association Between HIC1 and RASSF1A Promoter hypermethylation with MTHFD1 G1958A polymorphism and clinicopathological features of breast cancer in Iranian patients. *Iranian Biomedical Journal* 2009: 13 (4)133- 140.

Pelka P, Ablack A, Shuen M, Yousef AF, Rasti M, Grand RJ, Turnell AS and Mymryk JS. Identification of a second independent Site for the binding pCAF acetyltransferase in adenovirus E1A. *Virology* 2009;391, 90-98.

Rasti M, Entezam M and Monabati A. CDH1 and Estrogen Receptor genes promoter hypermethylation and its association with clinicopathological features among Iranian breast cancer patients. *Iranian Journal of Medical Sciences*, Sep. 2009; 34(3), 186-192.

Koojouri, j et al. Integration program in Shiraz University of medical sciences. 10th National congress of medical education May 2009, Shiraz.

Dashti, Sh., Rasti M et al. The role of internal assessment in Biochemistry department on quality improvement of teaching in Biochemistry professors. 10th National congress of medical education May 2009, Shiraz.

Rasti M et al. Vertical integration of clinical Biochemistry lesson for PhD Students. 10th National congress of medical education May 2009, Shiraz.

Rasti M et al. The role of quiz in assessment of medical students in Biochemistry class. 10th National congress of medical education May 2009, Shiraz.

Rasti M, Tavasoli p. Aberrant methylation of HIC1 and RASSF1A genes and their association with MTHFD1 G1958A polymorphism and major clinical and pathological features of breast cancer. The forth international congress of breast cancer, March 2009, Tehran.

Hemati M, Mostafavipour M, Rasti M, Seghatoleslam A, Ebadat S, Mosavary N. Producing ESAT-6/CFP-10 Recombinant protein fusion by Cloning for detection Mycobacterium tuberculosis in Iran. The 19th National mycobacterium tuberculosis congress. 14-16 October 2007, Zanjan, Iran.

Rasti M, Entezam M and Monabati A. E-cadherin/Estrogen Receptor Gene Promoter Hypermethylation among Iranian Sporadic Breast Cancer. Archives of Iranian Medicine, Vol 10, No 4 (Supplement 1), S214-S215, 2007.

Bruton RK, Rasti M, Mapp KL, Young N, Carter RZ, Abramowicz IA, Sedgwick GG, Onion DF, Shuen M, Mymryk JS, Turnell AS, Grand RJ. C-terminal-binding protein interacting protein binds directly to adenovirus early region 1A through its N-terminal region and conserved region 3. - terminal-binding protein interacting protein binds directly to

adenovirus early region 1A through its N-terminal region and conserved region 3. *Oncogene*. 2007 Jun 4.

Rasti, M., Grand, R.J., Yousef, A.F., Shuen, M., Mymryk, J.S., Gallimore, P.H., Turrell, A.S. Roles for AP1 and the 20S proteasome in adenovirus E1A-dependent transcription. *EMBO Journal*, 2006 25, 2710-2722 .

Rasti, M., Grand, R.J., Mymryk, J.S., Gallimore, P.H., Turnell, A.S. Recruitment of CBP/p300, TATA-binding protein, and S8 to distinct regions at the N-terminus of adenovirus E1A. *J Virol*. 2005 May; 79(9): 5594-605.

Zal, F., Vasei, M., Rasti, M., Vessal, M. Hepatotoxicity Associated with Hypoglycaemic Effects of Teurium polium in diabetic Rats. *Archives of Iranian Medicine*, Vol 4, No 4, pp 188-192, 2001.

Khayat, A., Vesal, N., Rasti, M. Analysis of Arylsulfatases A and B, Acid Phosphatase, Lactate Dehydrogenase, and Aspartate Transaminase in chronic periapical lesions Of Endodontic origin. *Journal of Endodontics*. 27, 285-287, 2001.

Vessal, M., Jaberipour, M., Jalali, Sh., Rasti, M. Hepatic Arylsulfatases A&B Activities in Streptozocin-Induced Diabetic Rats. *Archives Of Iranian Medicine*, Vol 3, No 4, pp 174-177 2000.

Vessal, M., Rasti, M., Kooshesh, F. Modulation of the Pituitary and Basomedial Hypothalamic Lysyl Aminopeptidase Activities by β -Estradiol and /or an Aqueous Extract of *Physalis Alkekengi* Fruits. *Comparative Biochemistry and physiology*. Vol. 115B, No2 pp 267-271 1996.

Vessal, M., Rasti, M. Estradiol Antagonistic Effects of Winter Cherry Extract on pituitary and Hypothalamic G6PD Activaties. Iranian Journal of Medical Sciences, Vol.20, No 20.3 &4, December 1995.

ACADEMIC AWARDS:

Khayat, A., Vesal, N., Rasti, M. Analysis of Arylsulfatases A and B, Acid Phosphatase, Lactate Dehydrogenase, and Aspartate Transaminase in chronic periapical lesions Of Endodontic origin. Sixth festival of Razi Medical Sciences research, 2000.

CURRENT PROJECT:

Producing p53 recombinant protein and its polyclonal antibody for studying p53 interaction to Estrogen receptor α (ESR α) promoter

Studying the binding capacity of p53 to DNA methyltransferase DNMT3B by using p53 polyclonal antibody and p53 recombinant protein in two cell lines

Study of the binding capacity of the p53 to the RAD51 and RCA1 in breast cancer cell lines with negative and positive result for estrogen receptor

HOBBIES AND INTERESTS:

Painting, Reading

LANGUAGE SKILLS:

Persian and English