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Assistant Professor

Contact information:

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Education:

2001-2003

A.D. in Laboratory Science, Shahid Beheshti University of Medical Science

2003- 2005

B.Sc. in Laboratory Science, Shahid Beheshti University of Medical Science

2010-2014

M.Sc. in Laboratory Hematology and Blood Banking, Tehran University of Medical Science

2017-2022

Ph.D. in Laboratory Hematology and Blood Banking, Iran University of Medical Science

Publications:

1. Inhibition of Skp2 enhances doxorubicin-induced cell death in B cell precursor acute lymphoblastic leukemia
R Manafi Shabestari, R Chegeni, M Faranoush, F Zaker, M Safa
Cell Biology International
2. Synergistic apoptotic effect of Mcl-1 inhibition and doxorubicin on B-cell precursor acute lymphoblastic leukemia cells
E Ebrahimi, RM Shabestari, D Bashash... - Molecular Biology Reports
3. Use of antioxidant nanoparticles to reduce oxidative stress in blood storage
S Barzegar, A Asri Kojabad, R Manafi Shabestari, M Barati, MR Rezvany, ...
Biotechnology and Applied Biochemistry
4. A straightforward microfluidic-based approach toward optimizing transduction efficiency of HIV-1-derived lentiviral vectors in BCP-ALL cells
SE Ahmadi, RM Shabestari, M Safa - Biotechnology Reports
5. TLR3 stimulation improves the migratory potency of adipose-derived mesenchymal stem cells through the stress response pathway in the melanoma mouse model
F Eskandari, S Zolfaghari, A Yazdanpanah, RM Shabestari, MR Fomeshi, PB Milan, J Kiani, MS Zomorodi, M Safa - Molecular Biology Reports
6. Suppression of c-Myc using 10058-F4 exerts caspase-3-dependent apoptosis and intensifies the antileukemic effect of vincristine in pre-B acute lymphoblastic leukemia cells
N Sheikh-Zeineddini, D Bashash, A Safaroghli-Azar, N Riyahi, RM Shabestari, E Janzamin, M Safa - Journal of cellular biochemistry
7. The molecular structure and case fatality rate of COVID-19
Z Aghamir, S Shivarani, R Manafi Shabestari - Research In Urology
8. Overexpression of MiR-138 inhibits cell growth and induces caspase-mediated apoptosis in acute promyelocytic leukemia cell line

RM Shabestari, F Alikarami, D Bashash, M Paridar, M Safa-
International Journal of Molecular and Cellular Medicine

9. Overexpression of long non-coding RNA ANRIL in B-acute lymphoblastic leukemia
M Bahraini, M Faranoush, SN Mobaraki, M Paridar, A Amini,
RM Shabestari, M Safa - Iranian Journal of Ped Hematol Oncol
10. CREB knockdown inhibits growth and induces apoptosis in human pre-B acute lymphoblastic leukemia cells through inhibition of prosurvival signals
RM Shabestari, M Safa, F Alikarami, M Banan, A Kazemi- Biomedicine & Pharmacotherapy
11. Cyclic AMP-induced p53 destabilization is independent of CREB in pre-B acute lymphoblastic leukemia cells
RM Shabestari, M Safa, M Banan, A Kazemi - International Journal of Molecular and Cellular Medicine
12. Indole-3-carbinol induces apoptosis of chronic myelogenous leukemia cells through suppression of STAT5 and Akt signaling pathways
M Safa, L Jafari, F Alikarami, R Manafi Shabestari, A Kazemi - Tumor
13. Indole-3-carbinol induces apoptosis of chronic myelogenous leukemia cells through suppression of STAT5 and Akt signaling pathways
M Safa, L Jafari, F Alikarami, R Manafi Shabestari, A Kazemi - Tumor Biology
14. Indole-3-Carbinol Enhances Doxorubicin-Induced Apoptosis Through Suppression of NF- κ B in B-Cell Precursor Acute Lymphoblastic Leukemia Cell Line NALM-6
B Tavasoli, R Manafi, F Kiani, M Safa, A Kazemi - Journal of Arak University of Medical Sciences
15. Indole-3-carbinol induces G1 cell cycle arrest in pre-B acute lymphoblastic leukemia cell line
B Tavasoli, S Ebrahimi, R Manafi, F Kiani, M Safa, A Kazemi - Journal of Arak University of Medical Sciences

16. Induction of p53-dependent apoptosis in pre-B acute lymphoblastic leukemia cell line (NALM-6) by small molecule RITA
F Kiani Nodeh, R Manafi, A Kazemi, M Safa - Journal of Zanzan University of Medical Sciences and Health Services
17. Uremia effect on white blood cell count in patients with renal failure
A Sarabandi, R Manafi Shabestari, Y Farshi, S Tabibian, A Dorgalaleh, ..., International Journal of Medical Laboratory
18. Cutaneous and mucosal manifestations in patients with beta major thalassemia.
M Naderi, H Shamshiri, S Alizadeh, A Dorgalaleh, R Manafi, S Tabibian - Dermatology & Cosmetic

Teaching experience:

2014-2016

Baqiyatallah University of Medical Sciences

Book authoring and translation experience

- ✓ Medical Laboratory Technics (MLT, Hematology)
- ✓ Henrys Clinical Diagnosis and management by Laboratory methods
- ✓ AABB self-assessment of transfusion Medicine

International congress Abstract presenter

- ✓ CREB knockdown inhibits growth and induces apoptosis in human pre-B acute lymphoblastic leukemia cells through inhibition of prosurvival signals, The 8th International congress of laboratory & clinic 1th National congress of basic medical Sciences and the knowledge-based production, 2015

- ✓ Role of CREB on inhibitory effect of cAMP on p53 protein expression in doxorubicin-treated pre-B acute lymphoblastic leukemia cells, The 8th International congress of laboratory & clinic 1th National congress of basic medical Sciences and the knowledge-based production, 2015
- ✓ Effect of Alpha thalassemia mutation on male and female blood indices, The 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories, 2013

Experimental skills:

- ✓ Cell culture
- ✓ Flowcytometry
- ✓ DNA and RNA extraction
- ✓ Primer designing
- ✓ PCR, qRT-PCT and RFLP
- ✓ Protein extraction
- ✓ Western blot analysis
- ✓ Gene cloning

Language

- ✓ Persian