

**CURRICULUM VITAE  
SAFAR FARAJNIA**

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**CONTACT INFORMATION**

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**ACADEMIC POSITION:**

Research Chancellor of Biotechnology Research Center  
Head of Molecular Biology Department of Biotechnology Research Center

**PERSONAL INFORMATION**

Date of Birth: April 05, 1962

Nationality: Iranian

**CURRENT STATUS**

professor of Biotechnology,  
Drug Applied Research Center & Biotechnology Research center,  
Tabriz University of Medical Sciences

**EDUCATIONAL BACKGROUND**

- 2015            **Recombinant antibody expression**  
Utrecht university, Netherlands
- 2005            **Advanced courses on Recombinant protein expression,**  
University of British Colombia, Vancouver, Canada
- 2004            **Biotechnology**  
Pasteur Institute of Iran
- 1996            **Medical Microbiology**  
Pasteur Institute of Iran
- 1990            **Medical Laboratory Science**  
Tabriz University

## **PUBLICATIONS**

1. Yeast Expression Systems: Overview and Recent Advances

R Baghban, S Farajnia, M Rajabibazl, Y Ghasemi, AA Mafi, R Hoseinpoor, ...  
Molecular biotechnology 61 (5), 365-384 2019

2. Effect of DnaK/DnaJ/GrpE and DsbC Chaperons on Periplasmic Expression of Fab Antibody by E. coli SEC Pathway

H Dariushnejad, S Farajnia, N Zarghami, M Aria, A Tanomand  
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3. Synergistic Effect of Novel EGFR Inhibitor AZD8931 and p38 $\alpha$  siRNA in Lung Adenocarcinoma Cancer Cells.

H Zarredar, S Farajnia, K Ansarin, B Baradaran, M Aria, M Asadi  
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4. The grape seed extract: a natural antimicrobial agent against different pathogens

MY Memar, K Adibkia, S Farajnia, HS Kafil, M Yekani, N Alizadeh, ...  
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5. Combination therapy with KRAS siRNA and EGFR inhibitor AZD8931 suppresses lung cancer cell growth in vitro

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6. Synthesis and characterisation of iron oxide nanoparticles conjugated with epidermal growth factor receptor (EGFR) monoclonal antibody as MRI contrast agent for cancer detection

Z Salehnia, D Shahbazi-Gahrouei, A Akbarzadeh, B Baradaran, ...  
IET Nanobiotechnology 2019

7. Targeting the KRAS, p38 $\alpha$ , and NF- $\kappa$ B in lung adenocarcinoma cancer cells: The effect of combining RNA interferences with a chemical inhibitor

H Zarredar, S Pashapour, S Farajnia, K Ansarin, B Baradaran, ...  
Journal of cellular biochemistry 2019

8. Effect of Molecular Chaperone on the Soluble Expression of Recombinant Fab Fragment in E. coli

S Farajnia, V Ghorbanzadeh, H Dariushnejad  
International Journal of Peptide Research and Therapeutics, 1-8 2019

9. Prevalence of Human Papillomavirus in Patients With Oral Squamous Cell Carcinoma in Tabriz, Iran

L Rahbarnia, S Farajnia, G Bayazian, M Naderpour, H Feizi  
Crescent Journal of Medical and Biological Sciences 6 (1), 105-108  
2019

10. Expression and Evaluation of HuscFv Antibody-PE40 Immunotoxin for Target Therapy of EGFR-Overexpressing Cancers

D Falahatgar, S Farajnia, N Zarghami, A Khosroshahi, H Farajnia  
Iranian Journal of Biotechnology 16 (4), 241-247 2018

11. Critical micrnas in lung cancer: Recent advances and potential applications

H Zarredar, K Ansarin, B Baradaran, N Shekari, S Eyvazi, F Safari, ...  
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2018

12. Antibody based EpCAM targeted therapy of cancer, review and update

S Eyvazi, S Farajnia, S Dastmalchi, F Kanipour, H Zarredar, ...  
Current cancer drug targets 18 (9), 857-868 4 2018

13. Soluble Expression of Humanized Anti-CD20 Single Chain Antibody in Escherichia coli by Cytoplasmic Chaperones Co-expression

M Yousefi, S Farajnia, A Mokhtarzadeh, B Akbari, S Ahdi Khosroshahi, ...  
Avicenna Journal of Medical Biotechnology 10 (3), 141-146 1 2018

14. CRISPR and personalized Treg therapy: new insights into the treatment of rheumatoid arthritis

F Safari, S Farajnia, M Arya, H Zarredar, A Nasrolahi  
Immunopharmacology and immunotoxicology 40 (3), 201-211 6 2018

15. New developments in Pichia pastoris expression system, review and update

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16. Role of helicobacter pylori in the middle ear fluid among children with otitis media with effusion

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19. Potential molecular targets in the treatment of lung cancer using siRNA technology

H Zarredar, K Ansarin, B Baradaran, S Ahdi Khosroshahi, S Farajnia  
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not equally promote chemosensitivity in human hepatocellular carcinoma cell  
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- B Akbari, S Farajnia, S Ahdi Khosroshahi, F Safari, M Yousefi, ...  
International reviews of immunology 36 (4), 207-219 16 2017
28. A Non-pathogenic Recombinant *Leishmania* Expressing  
Lipophosphoglycan 3 Against Experimental Infection with *Leishmania infantum*  
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60. Prevalence and risk factors of drug-resistant tuberculosis in border provinces of Iran  
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