



## CURRICULUM VITAE

**Atefeh SEGHATOLESLAM, PhD**  
**Professor of Cell and Molecular Biology**

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■ **PhD** in Cell and Molecular Biology.

2003-2006      **Université Louis Pasteur (ULP), Strasbourg, France.**  
**Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC),**  
**Strasbourg (Illkirch Graffenstaden), France.**

■ **MSc** in Biochemistry.

1993 – 1996      **Tehran University, Tehran, Iran**  
**Research Institute of Biochemistry and Biophysics (IBB), Tehran, Iran**

■ **BSc** in General Biology.

1988 – 1992      **Shiraz University, Shiraz, Iran**  
**Department of Biology, Faculty of Sciences, Shiraz, Iran**

## **EXPERIENCES AND ADMINISTRATIVE WORKS/COURSES ATTENDANCE**

October 1993

Biochemistry Congress, Tehran University, Tehran, Iran

-Member of Executive Committee.

1998 – Present

**Faculty member of Department of Biochemistry**, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.

- Teaching Biochemistry and Molecular Biology (undergraduate and postgraduate) courses at:  
Schools of Medicine, Dentistry, Pharmacy, Nursing and Midwifery,  
Paramedical Sciences, Nutrition, Hygiene, Advanced Medical Sciences and Technologies

2010-2017

Faculty member of **Department of Molecular Medicine**, School of Advanced Medical Sciences and Technologies, Shiraz University of Medical Sciences, Shiraz, Iran.

2013-2017

**Member of Histomorphometry & Stereology Research Center**, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.

2011-2020

**Member of Research Center for Traditional Medicine and History of Medicine**, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.

March 2007- March 2013

**Assistant Dean for Education at Medical School**, Shiraz University of Medical Sciences, Shiraz, Iran.

March 2013 - February 2014

**Assistant Dean for Academic Member Affairs at Medical School**, Shiraz University of Medical Sciences, Shiraz, Iran.

July 2014 – October 2015

**Manager of Academic Members Affair at Shiraz University of Medical Sciences**, Shiraz, Iran.

April 2018 – December 2019

**Deputy of Vice Chancellor for Education of Shiraz University of Medical Sciences**, Shiraz, Iran.

March 2022 - February 2025

**Assistant Dean for Academic Member Affairs at Medical School**, Shiraz University of Medical Sciences, Shiraz, Iran.

January 2021 – Present

**Head of the Department of Biochemistry, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.**

2022- Present

**Member of Autophagy Research Center, Department of Biochemistry**  
School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.

- EUMORPHIA Practical Course on Mouse Histopathology, December 7-9, 2005, Strasbourg, **France**.
- 12th Annual EuCC Symposium in Clinical and Experimental Oncology, May 27th, 2005, University Hospital, Basel, **Switzerland**.

October 2007

9<sup>th</sup> Iranian Congress of Biochemistry & the 2<sup>nd</sup> International Congress of Biochemistry and Molecular Biology, Shiraz, Iran

-Member of Executive, Scientific and Reviewing Committees.

November 2009

10<sup>th</sup> Iranian Congress of Biochemistry & the 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology, Shiraz, Iran

-Member of Scientific and Reviewing Committees.

May 2016

2<sup>th</sup> National Congress of Quantitative Microscopy. Shiraz, Iran

-Member of Executive, Scientific and Reviewing Committees.

- Medical Education Fellowship, khordad 1388 (June 2009), Shiraz University of Medical Sciences, Shiraz, **Iran**.
- Traditional Iranian Medicine Fellowship, 1391-92 (2012-2013), Shiraz University of Medical Sciences, Shiraz, **Iran**.  
(شرکت در دوره آموزش جامع طب سنتی ویژه اعضای هیات علمی)

**HONOURS AND AWARDS**

- Certificate of **Excellence for Best Student**, Department of Biology, Faculty of Sciences, Shiraz University, June 1993.
- **Distinguished Student in M.Sc.** (1996) and **Best Student in B.Sc.** Courses (1993) and all over the Educational Years.
- Certificate of **Distinguished Lecturer**, Department of Biochemistry, School of Medicine, Shiraz University of Medical Sciences, 1999.
- Certificate of **Distinguished Researcher** of Shiraz University of Medical Sciences in year 2006-2007.

- Certificate of **Outstanding Faculty Member** of Shiraz University of Medical Sciences in year 2009-2010 (1387).
  - Certificate of **Distinguished Researcher** of Shiraz University of Medical Sciences in year 2009-2010 (1388).
  - Certificate of **Outstanding Faculty Member** of Shiraz University of Medical Sciences in year 2012-2013 (1391-92).
  - Certificate of **Outstanding Researcher in Innovation** of Shiraz University of Medical Sciences in year 2012-2013 (1391-92).
  - Certificate of **Outstanding Researcher** of Shiraz University of Medical Sciences in year 2016-2017 (1396).
  - Certificate of **Outstanding Faculty Member** of Shiraz University of Medical Sciences in year 2020-2021 (1398-99).
- 
- **فرایند برتر آموزشی کشوری** در جشنواره شهید مطهری ( اردیبهشت ماه ۱۳۸۸ ) - تغییر برنامه درسی آموزش علوم پایه در دانشگاه علوم پزشکی شیراز به روش نوآورانه ادغام افقی و عمودی بر اساس مدل وضعیتی مالکوم-اسکیلانک.
  - **فرایند برتر آموزشی کشوری** در جشنواره شهید مطهری ( اردیبهشت ماه ۱۳۸۹ ) - تدوین ارزشیابی کمی و کیفی برنامه ادغام علوم پایه دوره پزشکی عمومی در دانشکده پزشکی شیراز.
  - **فرایند برتر آموزشی درون دانشگاهی** در چهارمین جشنواره شهید مطهری ( خرداد ماه ۱۳۹۰ ) - ارزیابی روند تغییر در سیستم آموزش پزشکی مبتنی بر ادغام؛ توام با اجرای برنامه تماس زودرس با بیمار.
  - **فرایند برتر آموزشی درون دانشگاهی** در چهارمین جشنواره شهید مطهری (خرداد ماه ۱۳۹۰)- اجرای طرح استاد مشاور و ارزیابی عملکرد اساتید مشاور دانشکده پزشکی شیراز.
  - **فرایند آموزشی برتر پنجمین جشنواره درون دانشگاهی** شهید مطهری (۱۳۹۱)- طراحی يك محیط ساده نرم افزاری جهت محاسبه فعالیت های آموزشی اعضای هیات علمی دانشگاه.
  - **فرایند آموزشی برتر پنجمین جشنواره درون دانشگاهی** شهید مطهری (۱۳۹۱)- ارزیابی برنامه درس بیوشیمی در طرح ادغام آموزشی در دانشکده پزشکی شیراز.
  - **فرایند برتر آموزشی دانشگاه علوم پزشکی شیراز** در ششمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۲)- استفاده از یادگیری مبتنی بر تکلیف (Task Based Learning) جهت تسهیل یادگیری آموزش علوم پایه در دانشگاه علوم پزشکی شیراز.

- **فرایند برتر آموزشی دانشگاه علوم پزشکی شیراز در هفتمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۳)** راه یافته به مرحله کشوری- کاهش زمان انتظار اعضای هیات علمی دانشکده پزشکی شیراز جهت ارتقاء به مرتبه بالاتر در راستای ارتقاء جایگاه علمی دانشگاه علوم پزشکی شیراز.
- **فرایند برتر آموزشی درون دانشگاهی در هشتمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۴)**- معرفی فرایند اجرایی انتخاب و معرفی استاد نمونه آموزشی با تکیه بر حیطه های مختلف شرح وظایف آموزشی اعضای هیات علمی در دانشگاه علوم پزشکی شیراز.
- **فرایند برتر آموزشی دانشگاه علوم پزشکی شیراز در هشتمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۴)**- راه اندازی هیات ممیزه آموزشی اقدامی در جهت ارتقاء کیفیت آموزش اعضای هیات علمی.
- **فرایند برتر آموزشی درون دانشگاهی دانشگاه علوم پزشکی شیراز در هشتمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۴)**- طراحی تهیه و تدوین درسنامه های ادغام یافته تحت عنوان کتاب راه (دروس ارایه شده علوم پایه).
- **فرایند برتر آموزشی درون دانشگاهی دانشگاه علوم پزشکی شیراز در دوازدهمین جشنواره شهید مطهری (اردیبهشت ماه ۱۳۹۸)**- ساماندهی فرایند اعتباربخشی برنامه جدید پزشکی عمومی در دانشکده پزشکی شیراز.

1. Immobilization of Submitochondrial Particles by Hydrophobic Adsorption.  
**A.Seghatoleslam (Corresponding author)** & M. Nemat-Gorgani,  
*Iranian Journal of Science & Technology* (2003); 27(A1): 161-168.
2. Screening tick-borne diseases in sheep. Olivier Sparagano, Eva Spitalska, Mohammad M Namavari, Mohammad H Hosseini, Fazlolah Shad-del, **Atefeh Seghatoleslam** and Omid R Amabadi, *Epidémiol. et santé anim.* (2004); 45: 73-75.
3. A survey on delayed hypersensitivity in the sheep immunized against theileriosis.  
Namavari, M.M, Shad-del, F, Hosseini, S.M.H, Hashemi-Fesharaki, R., and **Seghatol-Eslam, A**,  
*Iranian Journal of Veterinary Research*, (2004); 5(2): Ser.No.10, 1383.
4. Immobilization of Microsomal Membrane on Fractosil, Fractosil Lipid and Concanavalin A Sepharose-4B.  
**A.Seghatoleslam (Corresponding author)**, M. Nemat-Gorgani & M.Vessal,  
*Iranian Journal of Science & technology* (2005); 29(A1): 181-187.
5. Analysis of a novel human gene, LOC92912, over-expressed in hypopharyngeal tumours.  
**Atefeh Seghatoleslam**, Alberto Zambrano, Regine Millon, Gitli Ganguli, Manuela Argenti, Anne Cromer, Joseph Abecassis & Bodan Wasyluk.  
*Biochemical and Biophysical Research Communications*, (2006); 339: 422-429.
6. Study on Theileria lestoquardi Antigens as Potential Vaccine Candidates.  
Mehdi Namavari, Mohammad H. Hosseini, **Atefeh Seghatoleslam**, Mohsen Lotfi, Ali Shirazi and Olivier A. E. Sparagano.  
*Animal Biodiversity and Emerging Diseases: Ann. N.Y. Acad. Sci.* (2008); 1149: 205–207.
7. Effects of Over-Expression of LOC92912 Gene on Cell Cycle Progression.  
**Atefeh Seghatoleslam ((Corresponding author)** and Alberto Zambrano.  
*Iranian Journal of Medical Sciences*, (2009); 34(4): 277-284.
8. Over expression of the novel human gene, UBE2Q2, in breast cancer.  
Mohsen Nikseresht, **Atefeh Seghatoleslam (Co-first author)**, Ahmad Monabati, Abdolrassul Talei, Farzaneh Bozorg Ghalati and Ali Akbar Owji.  
*Cancer Genetics and Cytogenetics* (2010); 197: 101-106.
9. Expression and Purification of Recombinant Mycobacterium Tuberculosis Antigens, ESAT-6, CFP-10, ESAT-6/CFP-10, and Their Potential Use in the diagnosis and Detection of TB patients.  
M Hemmati, **A Seghatoleslam (Co-first author)**, M Rasti, S Ebadat, N Mosavari, M Habibagahi, M Taheri, A Sardarian and Z Mostafavi-Pour.  
*Iranian Red Crescent Medical Journal* (2011); 13(8):558-65.

10. Molecular Diagnosis of Tick-Borne Haemoprotozoan Disease Agents in Ticks Collected from Sheep.  
Mehdi Namavari, Omidreza Amrabadi, Atefeh **Seghatoleslam**, Yahya Tahamtan and Maryam Mansourian. *Peer Reviewed International Proceedings of Chemical, Biological & Environmental Engineering* (2011); 22:188-190.
  
11. Expression of the novel human gene, UBE2Q1 in breast tumors.  
**Atefeh Seghatoleslam**, Mohsen Nikseresht, Mohammad Shafee, Ahmad Monabati, Mohammad Mehdi Namavari; Abdolrassul Talei; Akbar Safaei and Ali Akbar Owji.  
*Mol Biol Rep* (2012); 39:5135–5141.
  
12. Natural infection of Theileria equi in a ewe; an unusual host.  
Namavari M, Mansourian M, Naghshgar M, Nikahval B, **Seghatoleslam A**, Tahamtan Y.,  
*Online J Vet Res* (2012); 16 (2): 81-87.
  
13. Expression of UBE2Q2, a putative member of ubiquitin conjugating enzyme family in Pediatric Acute Lymphoblastic Leukemia.  
**Atefeh Seghatoleslam (Corresponding author)**, Ahmad Monabbati, Farzaneh Bozorg-Ghalati, Mohsen Nikseresht, Mohammadreza Bordbar, Mostafa Rahvar and Ali Akbar Owji.  
*Archive of Iranian Medicine* (2012); 15(6):352-355.
  
14. UBE2Q1 expression in human colorectal tumors and cell lines.  
Shafiee SM, **Seghatoleslam A (Co-first author)**, Nikseresht M, Hosseini SV, Alizadeh-Naeeni M, Safaei A, Owji AA.  
*Mol Biol Rep* (2013) Dec; 40(12):7045-51.
  
15. Implementation and evolution of the horizontal integration at Shiraz medical school.  
Mitra Amini, Javad Kojuri, Ali Mahbudi, Farhad Lotfi, **Atefeh Seghatoleslam**, Zahra Karimian, Mesbah Shams.  
*Journal of Advances in Medical Education & Professionalism* (2013);1(1):21-27.
  
16. Evaluation of immunocastration conjugates based on GnRH linked to carrier molecules in a male rodent model.  
**Atefeh Seghatoleslam (Corresponding author)**, Valerie A. Ferro, Maryam Mansourian, Maryam Kargara, Mohammad Hossein Hosseini, Mohsen Manavian, Ayman Gebril, Zohre Mostafavi-Pour and Mehdi Namavari.  
*Comparative Clinical Pathology*, (2014); 23:805-811.

17. UBE2Q1, as Down Regulated gene in Pediatric Acute Lymphoblastic Leukemia.  
**Atefeh Seghatoleslam (Corresponding author)**, Farzaneh Bozorg-Ghalati, Ahmad Monabati, Mohsen Nikseresht, Ali Akbar Owji,  
*Int J Mol Cell Med*, (2014) Spring; 3(2): 95-101.
  
18. Expression Status of UBE2Q2 in Colorectal Primary Tumors and Cell Lines.  
Sayed Mohammad Shafiee, **Atefeh Seghatoleslam (Corresponding author)**, Mohsen Nikseresht, Seyed Vahid Hosseini, Mahvash Alizadeh-Naeeni, Akbar Safaei and Ali Akbar Owji.  
*Iran J Med Sci*, Supplement (2014) March; 39(2):196-202.
  
19. The Potential Effects of Herbal Distillates with Hot and Cold Temperament on Cell Metabolic Activity and Growth, A Preliminary In Vitro Study.  
**Atefeh Seghatoleslam (Corresponding author)**, Narges Mashkour, Mehdi Namavari, Bentolhoda Azarmehr and Mahmood Nejabat.  
*J Pharm Biomed Sci*. (2014); 04(06):532-535.
  
20. Inhibitory effects of *Cyrtopodion scabrum* extract on the growth of human breast and colorectal cancer cells.  
A. Amiri, M. Namavari, M. Rashidi, M.A. Fahmidehkar and **A.Seghatoleslam (Corresponding author)**.  
*Asian Pac J Cancer Prev*. (2015); 16 (2):565-70.
  
21. UBE2Q1 in human cell lines from breast carcinomas: overexpression and interaction with p53.  
Sayed Mohammad Shafiee, Mozghan Rasti, **Atefeh Seghatoleslam**, Tayebbeh Azimi and Ali Akbar Owji.  
*Asian Pac J Cancer Prev*. (2015); 16 (9):3723-3727.
  
22. Promoter Methylation Status of the Two Novel Human Genes, UBE2Q1 and UBE2Q2, in Colorectal Cancer: A New Finding in Iranian Patients.  
Pooneh Mokarram, Fatemeh Shakiba, Soudabeh Kavousi, Moradi, and **A.Seghatoleslam (Corresponding author)**.  
*Asian Pac J Cancer Prev*. (2015); 16 (18):8247-8252.
  
23. Additive effect of recombinant mycobacterium tuberculosis ESAT-6 protein and ESAT-6/CFP-10 fusion protein, in adhesion of macrophages via fibronectin receptor.  
M.Hemmati, **A Seghatoleslam (Co-first author)**, M.Rasti, S.Ebadat, F.Naghibalhossaini, and Z.Mostafavi-pour.  
*Journal of Microbiology, Immunology and Infection* (2016); 49: 249-256.

24. Induction of Cell Proliferation, Colonogenicity and Cell Accumulation in S Phase as a Consequence of Human UBE2Q1 Over-expression.  
M. A. Fahmidehkar, S. M. Shafiee, E. Eftekhari, L. Mehboodi and **A. Seghatoleslam (Corresponding author)**.  
*Oncology Letters* (2016); 12: 2169-2174.
  
25. Macrophage immune response suppression by recombinant mycobacterium tuberculosis antigens, ESAT-6, CFP-10, and ESAT-6/CFP-10 proteins  
**Atefeh Seghatoleslam**, Mina Hemmati, Saeedeh Ebadat, Bahram Movahedi and Zohreh Mostafavi-Pour.  
*Iran J Med Sci.* (2016) July; 41(4):296-304.
  
26. *Urtica Dioica* Distillate (Aragh Gazaneh) Regenerates Pancreatic Beta Cells in Streptozotocin-Induced Diabetic Rats.  
Ali Gohari<sup>1</sup>, Ali Noorafshan, Masoumeh Akmal<sup>1</sup>, Fahimeh Zamani-Garmsiri and **Atefeh Seghatoleslam (Corresponding author)**.  
*Iran J Med Sci.* (March 2016); 43(2): 174-183.
  
27. Selective Cytotoxicity and Apoptosis-Induction of *Cyrtopodion scabrum* Extract against Digestive Cancer Cell Lines.  
M. Rashidi, **A. Seghatoleslam (Corresponding author)**, M. Namavari, A. Amiri, M.A. Fahmidehkar, A. Ramezani, E. Eftekhari, A. Hosseini, N. Erfani and Sh. Fakher.  
*Int J Cancer Manag.* 2017 May; 10(5):e 8633.
  
28. The Impact of *Echium Amoenum* Distillate (Arag Gav-Zaban) on Naturally Boosting Fertility: Potential Ameliorative Role in Male Mice Reproductive Parameters.  
Shima Fakher, **Atefeh Seghatoleslam (Corresponding author)**, Ali Noorafshan, Saeid Karbalay-Doust, Maryam Rahmanifard, Mojtaba Rashidi.  
*Iran J Med Sci.* (May 2019); 44 (3): 227-235.
  
29. Mysterious Virus: A Review on Behavior and Treatment Approaches of the Novel Coronavirus, 2019-nCoV.  
Farshad Hemmati, Samira Saedi, Mohsen Hemmati-Dinarvand, Marzie Zarei, and **Atefeh Seghatoleslam (Corresponding author)**.  
*Arch Med Res* (Jul 2020); 51(5):375-383.
  
30. Modulation of TNF- $\alpha$  plasma levels in coronary artery disease (CAD) and non-CAD male patients by lncRNA UCA1 and aspirin.  
Nowrouzi-Sohrabi, P., **Seghatoleslam, A (Co-first author)**, Izadpanah, P., Erfani, M., Ahmadvand, H. and Kalani, M.  
*Arch Biol Sci.* (2020); 72(4):465-471.

31. Vitamin D status influences the cytokines production and MALAT1 expression of the PBMCs of patients with coronary artery disease and healthy controls. Nowrouzi-Sohrabi, P., Kalani, M., Izadpanah, P., Ahmadvand, H., Fakhour, M., Fadaei, R., Khorshidifar, M., **Seghatoleslam, A. (Corresponding author)**. *Revista da Associação Médica Brasileira* (2020); 66(12):1712-1717.
32. The potential protective role of *Cyrtopodion Scabrum* extract on the antioxidant parameters in serum and liver of rat with 5-FU-induced oxidative damage. Diba, M., **Seghatoleslam, A. (Corresponding author)**, Namavari, M. M., Assadi, Sh., Vakili, S. N., Babaei Z., Akmal M. *Archives of Razi Institute*. (2021); 76(1):95-105.
33. Composition and anti-toxicity effects of *Cichorium Intybus* distillate on serum antioxidant status in CCl4-treated rats. **Seghatoleslam, A.**, Khoshdel, Z., Ghafouri, R., Fakher, Sh., Molaei, M., Namavari, M., Zal, F., *Archives of Razi Institute*. (2021); 76 (1): 107-117.
34. Effect of Casein Kinase 1 $\alpha$  Inhibition on Autophagy Flux and the AKT/Phospho- $\beta$ -Catenin (S552) Axis in HCT 116 a RAS-Mutated Colorectal cancer cell line. Hamid Behrouj, **Atefeh Seghatoleslam**, Pooneh Mokarram, Saeid Ghavami. *Canadian Journal of Physiology and Pharmacology* (2021); 99(3):284-293.
35. Induction of apoptosis by *Cyrtopodion scabrum* extract in colon cancer cells: A preliminary study on targeting P53 signaling pathway. Mojtaba Rashidi and **Atefeh Seghatoleslam (Corresponding author)**. *Middle East Journal of Cancer* (2021); 12(4):466-472.
36. Nitazoxanide and Cancer Drug Resistance: Targeting Wnt/ $\beta$ -catenin Signaling Pathway. Mohsen Hemmati-Dinarvand, Hassan Ahmadvand, **Atefeh Seghatoleslam (Corresponding author)**. *Arch Med Res*, (2022); 53(3): 263-270.
37. Up-regulated lncRNA-PVT1 expression in peripheral blood mononuclear cells of patients with coronary artery disease is correlated with decreased interleukin-10 production. Peyman Nowrouzi-Sohrabi, **Atefeh Seghatoleslam**, Mehdi Kalani, Mehran Erfani, Alireza Hosseini Abgir, Shekoufeh Hatami, Mahdi Namdar, Mohammadjavad Tahmasebi, Behnoosh Miladpour. *Molecular Biology Reports*, (2022); 49(5): 3453-3459.
38. Blockage of Wnt/ $\beta$ -catenin Signaling Pathway in Colorectal Cancer Resistant Cells by Nitazoxanide Effects on Peptidylarginine Deiminases Expression. Mohsen Hemmati-Dinarvand, Shahnaz Kheirandish, Ali Khodadadian, Mostafa Mostafazadeh, **Atefeh Seghatoleslam (Corresponding author)**. *Asian Pac J Cancer Prev*. (2022); 23(9): 3215-3222.

39. Cancer Drug Resistance Reduction via Co-treatment with Oxaliplatin and Nitazoxanide: Targeting the ABC transporters.  
Mohsen Hemmati-Dinarvand, Hossein Mokhtari, Iraj Alipourfard, Elham Beyrami Aghbash, Shahnaz Kheirandish, Ali Khodadadian, **Atefeh Seghatoleslam (Corresponding author)**.  
*Curr Mol Med*, (2023); 23(8):834-841.
40. *Urtica dioica* (Gazaneh) distillate restores glucose metabolism in diabetic rats.  
Fahimeh Zamani-Garmsiri, Masoumeh Akmal, Ali Gohari, Fatemeh Zal, **Atefeh Seghatoleslam (Corresponding author)**.  
*Int J Prev Med*, (2023); 14(68):1-8.
41. Potential Anti-Inflammatory and Growth Inhibitory Effect of *Cyrtopodion scabrum* Extract on Colon Cancer; An *in vivo* Study.  
Zahra Babaei, Ghazal Namavari, Fatemeh Khademi, Farhad Koohpeyma, Mojtaba Rashidi, SM Shafiee, Fatemeh Zal, **Atefeh Seghatoleslam (Corresponding author)**.  
*Asian Pac J Cancer Prev*. (2023); 24(4):1209-1216.
42. Analysis of the interaction of UBE2Q1 with B4GALT1 and P53: Experimental and molecular modeling study.  
Hadi Ghasemi, **Atefeh Seghatoleslam (Corresponding author)**, Fahmideh Kar, Laleh Mahbudi, Behrouz Gharezi Fard, Mahdi Jamshidi.  
*Protein and Peptide Letters*, (2023); 30(8):668-678.
43. The crosstalk between ubiquitin-conjugating enzyme E2Q1 and p53 in colorectal cancer: An *in vitro* analysis.  
Maryam Rasouli, Sara Khakshournia, Omid Vakili, Sanaz Dastghaib, **Atefeh Seghatoleslam**, Sayed Mohammad Shafiee.  
*Med Oncol*. (2023); 40(7): 199.
44. Regulation of epithelial-mesenchymal transition by *Cyrtopodion scabrum*: An *in vitro* study against colorectal cancer cells.  
Fateme Khademi, **Atefeh Seghatoleslam (Corresponding author)**, Amin Ramezani, Zohreh Mostafavipour, Hadi Ghasemi.  
*Asian Pac J Cancer Prev*. (2023); 24(8):2765-2772.
45. The ameliorative impact of *Cichorium intybus L.* Distillate on reproductive parameters in male mice.  
Shima Fakher, Saied Karbalay-doust, Ali Noorafshan, **Atefeh Seghatoleslam (Corresponding author)**.  
*Iran J Med Sci*. (2023); 48(6):591-599.
46. Systemic Immune-Inflammation Index (SII) as Prognostic Indicator for BCG Therapy in Bladder Cancer: A Systematic Review and Meta-analysis.  
Seyed Ali Nabavizadeh, Farima Safari, **Atefeh Seghatoleslam**, Erfan Sadeghi, Hadi Ghasemi.  
*Avicenna J Med Biochem.*, (2024); 12(1):47-55.

47. Prognostic Value of TGF- $\beta$  Expression in Bladder Cancer: A Systematic Review and Meta-analysis.  
Shima Kianmehr, Mohammad Vahabirad, **Atefeh Seghatoleslam**, Erfan Sadeghi, Roozbeh Kiani, Hadi Ghasemi  
*Urology Research and Practice*. (2024); 50(3):148-153
48. Daidzein improves neuronal health and alleviates inflammation and apoptosis through BDNF and estrogen receptors in the hippocampus of ovariectomized rats.  
Asma Neisy , Zahra Khoshdel , Farhad Koohpeyma , **Atefeh Seghatoleslam** , Zohreh Mostafavi-Pour , Sanaz Alaei , Fatemeh Keshavarzi , Saeed Shokri , Fatemeh Zal .  
*Iranian Journal of Basic Medical Sciences*. (2025); 28(7): 888-898

۱. دیدگاه دانشجویان پزشکی در مورد علل غیبت از کلاسهای تئوری  
منصور مسجدی، راضیه نشاط آور، لیلا معینی، عاطفه ثقه الاسلام، علی رفعتی، شاهرخ عزت  
زادگان. مجله ایرانی آموزش در علوم پزشکی / ۱۳۹۶: ۱۷ (۴۱) / ۳۷۹

#### GENE RECORDS IN GENE BANK (NCBI)

1. [Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 \(UBE2Q2\), transcript variant 1, mRNA](#)  
3,104 bp linear mRNA; Accession: NM\_173469.3; GI:548923682
2. [Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 \(UBE2Q2\), transcript variant 2, mRNA](#)  
2,985 bp linear mRNA; NM\_001145335.1 GI:223890184
3. [Homo sapiens ubiquitin-conjugating enzyme E2Q family member 2 \(UBE2Q2\), transcript variant 3, mRNA](#)  
2,999 bp linear mRNA; Accession: NM\_001284382.1; GI:548923691
4. [Homo sapiens ubiquitin-conjugating enzyme E2Q family member 1 \(UBE2Q1\), mRNA](#)  
3,223 bp linear mRNA; NM\_017582.6 GI:156630983
5. [Theileria annulata isolate K1 18S ribosomal RNA gene, partial sequence](#)  
GQ358525.1 GI:255689425
6. [Theileria ovis 18S ribosomal RNA gene, partial sequence](#)  
FJ752026.1 GI:223953506
7. [Anaplasma marginale strain K1 16S ribosomal RNA gene, partial sequence](#)  
GU129918.1 GI:262285781
8. [Anaplasma marginale strain K2 16S ribosomal RNA gene, partial sequence](#)  
GU129919.1 GI:262285782
9. [Theileria annulata isolate D2 18S ribosomal RNA gene, partial sequence](#)  
GU129920.1 GI:262285783

10. [Theileria annulata isolate D1 18S ribosomal RNA gene, partial sequence](#)  
GU129921.1 GI:262285784
11. [Theileria annulata isolate D3 18S ribosomal RNA gene, partial sequence](#)  
GU129922.1 GI:262285785
12. [Theileria annulata isolate K2 18S ribosomal RNA gene, partial sequence](#)  
GU129923.1 GI:262285786
13. [Theileria annulata isolate T2 18S ribosomal RNA gene, partial sequence](#)  
GU129924.1 GI:262285787
14. [Theileria annulata isolate RA1 18S ribosomal RNA gene, partial sequence](#)  
GU129925.1 GI:262285788
15. [Theileria equi isolate K1 18S ribosomal RNA gene, partial sequence](#)  
GU146062.1 GI:268636278
16. [Theileria annulata isolate Korbai-3 18S ribosomal RNA gene, partial sequence](#)  
GU224090.1 GI:282598185
17. [Theileria annulata isolate Kazeroon-1 18S ribosomal RNA gene, partial sequence](#)  
GU224091.1 GI:282598186
18. [Theileria annulata isolate Ka-2 18S ribosomal RNA gene, partial sequence](#)  
GU233772.1 GI:283856038
19. [Theileria annulata isolate Ka-5 18S ribosomal RNA gene, partial sequence](#)  
GU233773.1 GI:283856039
20. [Theileria annulata isolate Ka-6 18S ribosomal RNA gene, partial sequence](#)  
GU233774.1 GI:283856040
21. [Theileria annulata isolate V-1 18S ribosomal RNA gene, partial sequence](#)  
GU233775.1 GI:283856041
22. [Theileria lestoquardi isolate B-1 18S ribosomal RNA gene, partial sequence](#)  
GU233776.1 GI:283856042

#### PROTEIN RECORDS IN PROTEIN BANK (NCBI)

1. [RecName: Full=Ubiquitin-conjugating enzyme E2 Q2; AltName: Full=Ubiquitin-protein ligase Q2; AltName: Full=Ubiquitin carrier protein Q2](#)  
375 aa protein  
Q8WVN8.1 GI:74751557
2. [ubiquitin-conjugating enzyme E2 Q2 isoform 2 \[Homo sapiens\]](#)  
359 aa protein  
NP\_001138807.1 GI:223890185
3. [ubiquitin-conjugating enzyme E2 Q2 isoform 1 \[Homo sapiens\]](#)  
375 aa protein  
NP\_775740.1 GI:29789401
4. [ubiquitin-conjugating enzyme E2 Q1 \[Homo sapiens\]](#)  
422 aa protein, NP\_060052.3 GI:31543906

- تولید سه آنتی ژن نو ترکیب اختصاصی مایکوباکتریوم توبرکولوسیس (ESAT-6/CFP10 , CFP10 , ESAT-6) به منظور بکارگیری در انواع کیت های تشخیصی. مخترعین: زهره مصطفوی پور، عاطفه ثقه الاسلام، مینا همتی. اداره کل مالکیت صنعتی، گواهی نامه ثبت اختراع به شماره ۰۲۰۹۱۶ الف/۸۹ شماره و تاریخ ثبت اختراع ۷۵۳۲۴-۱۳۹۱/۰۳/۱۶
- تهیه محیط کشت سلولی برتر با الهام از طب سنتی ایرانی. مخترعین: عاطفه ثقه الاسلام، محمد مهدی نام آوری، نرگس مشکور اداره کل مالکیت صنعتی، گواهی نامه ثبت اختراع به شماره ۰۰۸۴۷۹ الف/۸۹ شماره و تاریخ ثبت اختراع ۷۸۴۸۹-۱۳۹۱/۱۱/۱۵
- تولید واکسن آبله قناری با استفاده از کشت سلولی. مخترعین: عاطفه ثقه الاسلام، محمد مهدی نام آوری، وحید رضارنجبر جمال آبادی، عاطفه کریمیان بروجنی اداره کل مالکیت صنعتی، گواهی نامه ثبت اختراع به شماره ۰۱۴۳۸۳ الف/۸۹ شماره و تاریخ ثبت اختراع ۷۹۵۵۹-۱۳۹۲/۰۳/۰۵

■ Vaccine Therapy for Feline Idiopathic Cystitis (FIC)

Inventors: **Atefeh Seghatoleslam** et all.

**United State Patent and Trademark Office**

APPLICATION NUMBER: 63/709,528 - CONFIRMATION NO. 4103

DATE: 12/01/2024

## POSTER PRESENTATION

1. Journée Scientifique AEEMA-EPITER, 13 Mai (2004), France.

Enquête sur les maladies du mouton transmises par les tiques en Iran.

Olivier Sparagano; Eva Spitalska; Mohammad M. Namavari; Mohammad H.

Hosseini; Fazlolah Shad-del; **Atefeh Seghatoleslam** et Omid R. Amrabadi.

2. Journée du Department de Pathology Moléculaire, 27 Jan (2005), Bischenberg, France.

LOC92912, a new hypothetic ubiquitin conjugating enzyme.

**A.Seghatoleslam** and B. Wasylyk.

3. Journées Scientifiques, Campus Illkirch, IFR 85 Gilbert Laustriat et IGBMC 15 et 16 Septembre (2005), Illkirch, France.

Characterization of a novel human gene over-expressed in Hypopharyngeal tumours.

**Seghatoleslam** and B. Wasylyk.

4. ICTTD-3 project update on Ticks and Tick-borne diseases of livestock in the tropics, October (2005), France.

Screening tick-borne diseases in sheep.

Olivier Sparagano; Eva Spitalska; Mohammad M Namavari; Mohammad H Hosseini;

Fazlolah Shad-del; **Atefeh Seghatoleslam** and Omid R Amabadi.

5. The 15 Iranian Congress on Infectious Disease and Tropical Medicine, 16-20 Dec. (2006), Tehran, Iran.

The Evaluation of the Immunogenisity of Brucella Abortus Vaccine killed by UV.

Mohammad M. Namavari; Mohammad H.Hoseini; Mahnaz Zarei-Ghanavati; Ali Shirazi-Nejad and **Atefeh Seghatoleslam**.

6. The First Iranian Congress of Clinical Microbiology, 8-10 May (2007), Shiraz, Iran.

Molecular detection of Anaplasmosis in sheep around Shiraz.

Mohammad M.Namavari; Omid R.Amrabadi; Mohammad H.Hoseini; Ali Shirazi-Nejad;

**Atefeh Seghatoleslam** and Farhang Tavan.

7. 9<sup>th</sup> Biennial Conference of the Society for Tropical Veterinary Medicine, June 17-22, (2007), Merida, Yucatan, Mexico.

Evaluation of Dot-immunobinding Assay for the Detection of Brucella Antibodies in Bovine.

Mohammad M. Namavari; Mohammad H.Hoseini and **Atefeh Seghatoleslam**.

8. 9<sup>th</sup> Biennial Conference of the Society for Tropical Veterinary Medicine, June 17-22, (2007), Merida, Yucatan, Mexico.

Preliminary Study on Immunodominant Antigens of Theileria Lestoquardi.

Olivier A.Sparagano; Mohammad M.Namavari; Mohammad H.Hoseini; Mohsen Lotfi;

**Atefeh Seghatoleslam** and Ali Shirazi-Nejad.

9. 19<sup>th</sup> National Congress of Tuberculosis, 14-16 Oct (2008), Zanjan, Iran.

Recombinant ESAT-6/CFP-10 fusion protein production and its application in diagnosis of Mycobacterium Tuberculosis in Iran.

Hemmati, M.; Mostafavi-pour, Z.; Rasti, M.; **Seghatoleslam, A.**; Ebadat, S.; and Mosaveri, N.

10. 10<sup>th</sup> Biennial Conference of the Society for Tropical Veterinary Medicine, One Health, One Medicine: Building Bridges to Face the Challenge of Emerging and Zoonotic Disease, June 29<sup>th</sup> -3<sup>rd</sup>, (2009), LÜBECK, Germany.

Use of MTT colorimetric assay to measure the virulence of five local strains of Theileria Annulata.

M.M.Namavari; M.H.Khosh-Boei; M.Hayati; A.Kavari; M.Rismani; and **A.Seghatoleslam.**

11. 10<sup>th</sup> Biennial Conference of the Society for Tropical Veterinary Medicine, One Health, One Medicine: Building Bridges to Face the Challenge of Emerging and Zoonotic Disease, June 29<sup>th</sup> -3<sup>rd</sup>, (2009), LÜBECK, Germany.

The first finding of a natural Infection of Theileria Equi in an ewe: an unusual host. Mohammad. M. Namavari; Masoumeh Hayati; Yahya Tahamtan; and **Atefeh Seghatoleslam.**

12. Third Iranian Congress of Clinical Microbiology, October 6-8 (2009), Shiraz, Iran.

The first Molecular Diagnosis Report of Anaplasma marginale from Iran.

Zarnaghsh J.; Hayati M.; **Seghatoleslam A.** and Namavari M.M.

13. Third Iranian Congress of Clinical Microbiology, October 6-8 (2009), Shiraz, Iran.

Molecular Detection of Tick-borne Protozoan in Cattle around Shiraz.

Hayati M.; Zarnaghsh J.; **Seghatoleslam A.** and Namavari M.M.

14. IMPAKT 2010, Breast Cancer Conference, May 6–8(2010) Brussels, Belgium.

Over expression of the novel human gene, UBE2Q2, in breast cancer.

M. Nikseresht, **A. Seghatoleslam**, A.A. Owji, A. Monabati, F. Sane.

15. APCCB 2010, the 12<sup>th</sup> Asian-Pacific Congress of Clinical Biochemistry, Oct 3-7 (2010) Seoul, Korea.

UBE2Q2, a New Human Gene, with Putative Ubiquitin Conjugating Enzyme Activity, is Upregulated in Acute Lymphoblastic Leukemia.

**Atefeh Seghatoleslam**, Farzaneh Bozorg-Ghalati, Ahmad Monabbati, Mohsen Nickseresht and Ahmadreza Bordbar.

16. 3<sup>rd</sup> International Conference on Drug Discovery & Therapy, Feb 7-10(2011), Dubai, U.A.E.

The proof of the hypothesis of warm & cold properties of Iranian Traditional Medicine in cell cultures.

Mohammad Mehdi Namavari; Narges Mashkoor; Abdollah Rahimian; Nahid Naghshgar; Shamsi Ejdehakosh and **Atefeh Seghatoleslam**.

17. 3<sup>rd</sup> International Conference on Drug Discovery & Therapy, Feb 7-10(2011), Dubai, U.A.E.

The first report on anti-cancer effect of *Cyrtopodion scabrum* (Rough tailed Gecko) extracts in cell culture.

**Atefeh Seghatoleslam**; Narges Mashkoor; Mohammad Mehdi Namavari and Abdollah Rahimian.

18. 21<sup>st</sup> International Congress of Clinical Chemistry and Laboratory Medicine, 19th IFCC-EFCC European Congress of Clinical Chemistry and Laboratory Medicine, May 15-19 (2011), Berlin, Germany.

Preliminary Characterization of a Novel Human Gene, Ube2q1, Over- Expressed in Breast Cancer Tissues.

M. Nikseresht, **A. Seghatoleslam**, A. Monabati, A.A. Owji.

19. 12<sup>th</sup> Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology (12th ICB and 4th ICBMB), September 6-9 (2011), Mashhad, Iran.

The human novel gene, UBE2Q1, is expressed in human colorectal cancer cell lines and overexpressed in colorectal cancer tissue.

Shafiee Sayed Mohammad, **Seghatoleslam Atefeh**, Nikseresht Mohsen, Alizadeh Naeeni Mahvash, Monabati Ahmadd, Owji Aliakbar.

20. 12<sup>th</sup> Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology (12th ICB and 4th ICBMB), September 6-9 (2011), Mashhad, Iran.

The new human gene, UBE2Q1, with putative ubiquitin conjugating enzyme activity is down-regulated in Acute Lymphoblastic Leukemia (ALL).

**Seghatoleslam Atefeh**, Monabbati Ahmad, Bozorg-Ghalati Farzaneh, Owji Aliakbar Nikseresht Mohsen.

21. 12<sup>th</sup> Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology (12th ICB and 4th ICBMB), September 6-9 (2011), Mashhad, Iran.

ELISPOT assay: Is it a suitable alternative for PPD skin test?

Mina Hemmati, **Atefeh Seghatoleslam**, Mojgan Rasti, Saeedeh Ebadat, Nader Mosavari, Mojtaba Habibagahi, Mohammad Taheria, Ahmad-reza Sardarian, Zohreh Mostafavi-Pour.

22. 2<sup>nd</sup> International Conference on Agricultural and Animal Science (CAAS), November 25-26(2011), Maldives.

Molecular Diagnosis of Tick-Borne Haemoprotozoan Disease Agents in Ticks Collected from Sheep.

Mehdi Namavari, Omidreza Amrabadi, **Atefeh Seghatoleslam**, Yahya Tahamtan and Maryam Mansourian.

23. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology , (April.16-19,2013), yazd,Iran.

Mycobacterium tuberculosis RD-1-encoded antigens: Activatory or inhibitory agents for host macrophages?

Mina Hemmati, Zohreh Mostafavi-Pour, **Atefeh Seghatoleslam**.

24. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology , (April.16-19,2013), yazd,Iran.

p53 repression after overexpression of the human novel gene, UBE2Q1, in MDA-MB-468 breast cancer cell line.

Sayed Mohammad Shafiee, **Atefeh Seghatoleslam**, Mozhgan Rasti, Ali Akbar Owji.

25. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology , (April.16-19,2013), yazd, Iran.

Effects of Aloe vera Distillate as an Iranian Traditional Arak on Cell Proliferation  
Bentolhoda Azarmehr, Shima Fakher and **Atefeh Seghatoleslam**.

26. *The 2<sup>nd</sup> International GI Cancer Congress(14-16 October, 2015), Tehran, Iran.*

Novel Human UBE2Q1 and UBE2Q2 Genes Promoter Methylation Status in Colorectal Cancer.

Fatemeh Shakiba, Pooneh Mokarram, **Atefeh Seghatoleslam**.

27. *2<sup>nd</sup> National Congress on Quantitative Microscopic (24-26 May 2016), Shiraz, Iran.*

The effects of *Cichorium Intibus* L. and *Borago Officinalis* distillates on testis structure in mice.

Shima Fakher, **Atefeh Seghatoleslam**, Ali Noorafshan, Maryam Rahmanifard

28. *3<sup>rd</sup> World Congress on Natural Products Chemistry and Research & 12<sup>th</sup> World Pharma Congress (16-18 October, 2017), Budapest, Hungary.*

*Urtica dioica* distillate (Aragh Gazaneh) restores altered glucose metabolism in diabetic rats.

**A Seghatoleslam**, M Akmal, F Zamani-Garmsiri, A Gohari.

29. *16<sup>th</sup> National Congress of Biochemistry and 7<sup>th</sup> International Congress of Biochemistry and Molecular Biology (9-12 November, 2020), Tehran, Iran.*

Chemical composition analysis of *Cyrtopodion scabrum* extract: A novel natural source of anticancer compounds.

Fatemeh khademi, **Atefeh Seghatoleslam**.

30. *16<sup>th</sup> National Congress of Biochemistry and 7<sup>th</sup> International Congress of Biochemistry and Molecular Biology (9-12 November, 2020), Tehran, Iran.*

Induction of apoptosis by *Cyrtopodion scabrum* extract in colon cancer cells: A preliminary study on targeting P53 signaling pathway.

Mojtaba Rashidi, Fatemeh khademi, **Atefeh Seghatoleslam**

۱. ادغام عمودی درس بیوشیمی بالینی دانشجویان دوره دکتری تخصصی بیوشیمی، دهمین کنگره کشوری آموزش پزشکی- شیراز (سال ۱۳۸۸).
۲. نقش کونیز در درس بیوشیمی جهت ارزیابی و آمادگی دانشجویان پزشکی عمومی، دهمین کنگره کشوری آموزش پزشکی- شیراز (سال ۱۳۸۸).
۳. استفاده از یادگیری مبتنی بر تکلیف جهت تسهیل یادگیری آموزش علوم پایه در دانشگاه علوم پزشکی شیراز- فرایندهای آموزشی درون دانشگاهی جشنواره شهید مطهری (سال ۱۳۹۲).
۴. بررسی عوامل موثر بر عدم حضور در کلاسهای تئوری از نظر فارغ التحصیلان رشته پزشکی دانشگاه علوم پزشکی شیراز در سال ۱۳۹۳-۱۳۹۲. منصور مسجدی، راضیه نشاط آور، شهلا دشتی، علیرضا باقری لنکرانی، مهسا سمیعی، **عاطفه ثقه الاسلام**، علی رفعتی، شاهرخ عزت زادگان. پانزدهمین همایش کشوری آموزش پزشکی.
۵. مقایسه نمرات کلاسی دانشجویان مقطع علوم پایه با امتحان جامع علوم پایه در دانشکده پزشکی شیراز در سالهای ۱۳۸۱ تا ۱۳۸۷. علیرضا باقری لنکرانی، علیرضا آتشی، فرانگیز قرابی زاده، شهلا دشتی، منصور مسجدی، **عاطفه ثقه الاسلام**، علی رفعتی، مهسا سمیعی - ۹-۱۱ اردیبهشت ماه ۱۳۹۳، دانشگاه علوم پزشکی و خدمات بهداشتی درمانی شهید صدوقی یزد.
۶. بررسی عملکرد اعضای هیات علمی دانشکده پزشکی در خصوص اخلاق حرفه ای و تعامل با بیمار از دیدگاه دستیاران بالینی در سال ۱۳۹۲. هاجر دهقان، فاطمه رحیمی، یاسمین قربانیان، **عاطفه ثقه الاسلام** - پانزدهمین همایش کشوری آموزش پزشکی

#### **ORAL PRESENTATION**

1. 13<sup>th</sup> Multi-disciplinary Iranian Researchers Conference in Europe, 2nd July (2005), Leeds (United Kingdom).

Study of a novel human gene over-expressed in head & neck tumours;

**A.Seghatoleslam** and B.Wasylyk.

2. 9<sup>th</sup> Iranian Congress of Biochemistry & the 2<sup>nd</sup> International Congress of Biochemistry and Molecular Biology, October 29-November 1(2007), Shiraz University of Medical Sciences, Shiraz, Iran.

UBE2Q2, a novel human gene, over expressed in head and neck squamous cell carcinoma;

**Atefeh Seghatoleslam** and Alberto Zambrano.

3. 15<sup>th</sup> International Congress of Mediterranean Federation for Health And Production Of Ruminants, 15-19 May (2007), Kusadasi, Turkey.

The use of the polymerase chain reaction for identification and quantification of protozoa in hyalomma anatolicum anatolicum ticks;

Mohammad M.Namavari, Mohammad H.Hoseini, Omid R.Amrabadi, Ali Shirazi-Nejad and **Atefeh Seghatoleslam**.

4. 6<sup>th</sup> Iranian National Congress of Parasitology, 27-29 May, (2008), Karaj, IR Iran.  
Modifying the cold chain of the storing and transporting process of *Theileria* Vaccine.  
Namavari, M. M., Maghsoudi, A., Hayati, M., Hoseini, M.H. and **Seghatoleslam.A**.

5. 10<sup>th</sup> Iranian Congress of Biochemistry & 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology, 16-19 November (2009), Tehran, Iran.  
UBE2Q2, a novel human gene, with a putative ubiquitin conjugating enzyme activity, is upregulated in breast cancer tissues;  
Mohsen Nikseresht, **Atefeh Seghatoleslam**, Ali Akbar Owji, Ahmad Monabbati.

6. 10<sup>th</sup> Iranian Congress of Biochemistry & 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology, 16-19 November (2009), Tehran, Iran.  
Expression and purification of antigen 85 complex (A, B, C) and MPB-64 from *Mycobacterium Bovis* AN5;  
Saeedeh Ebadat, Zohreh Mostafavi-Pour , Mina Hemmati , Mozhgan Rasti , **Atefeh Seghatoleslam**, Nader Mosavari.

7. 10<sup>th</sup> Iranian Congress of Biochemistry & 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology, 16-19 November (2009), Tehran, Iran.  
Characterization of purified recombinant ESAT6, CFP10 and ESAT6/CFP10 fusion protein of *Mycobacterium Tuberculosis* C;  
Mina Hemmati , Zohreh Mostafavi-Pour, **Atefeh Seghatoleslam**, Mozhgan Rasti, Saeedeh Ebadat, Nader Mosavari.

8. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology , (April.16-19,2013), yazd,Iran.  
Effects of Overexpression of UBE2Q1 Gene on Cell Growth and Proliferation.  
Mohammad Ali Fahmidehkar<sup>1</sup>, **Atefeh Seghatoleslam**, Sayed Mohammad Shafiee, Ali Akbar Owji.

9. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology , (April.16-19,2013), yazd,Iran. The novel human gene, UBE2Q2, is expressed in colorectal cancer cell lines and overexpressed in primary colorectal tumors.  
Sayad Mohammad Shafiee, **Atefeh Seghatoleslam**, Akbar Safaei, Ali Akbar Owji.

10. 2nd National Congress of Quantitative Microscopy, (24-26 May, 2016), Shiraz, Iran. The effect of *Cichorium Intybus* L. and *Borago officinalis* distillates on testis structure in mice.  
Shima Fakher, **Atefeh Seghatoleslam**, Ali Noorafshan, Maryam Rahmanifard.

- Evaluation of the Expression of UBE2Q1 gene and its Homolog, UBE2Q2, in Breast Cancer.
- The comparison of the expression levels of the novel human gene, UBE2Q1, between in situ and invasive parts of invasive ductal carcinoma of breast.
- Study of the expression level of UBE2Q1 and UBE2Q2 genes in acute lymphoblastic leukemia (ALL).
- Production of recombinant ESAT-6/ CFP-10 fusion protein for diagnosing human tuberculosis and study of its effect on activation and adhesion of macrophage-like cell line (THP-1) via integrin  $\alpha 5\beta 1$  on fibronectin.
- Investigation on UBE2Q1 and UBE2Q2 human genes expression in colorectal cancer and colorectal cell lines along with preparation of stable transfectants of UBE2Q1 gene.
- Experimental preparation of immunocontraception-based-antifertility vaccine and the study of its effect in mouse.
- *In vitro* study of the effect of Iranian Traditional warm and cold Distillates on Cell growth and Proliferation.
- Study of the novel human gene, UBE2Q1, by transfection of UBE2Q1 gene in SW1116 colon cancer cell line.
- Study of the interacting partner/s and potential substrate/s of Ubiquitin Conjugating Enzyme Q1 (UBE2Q1 protein).
- Evaluation of antidiabetic effects of *Urtica dioica* distillate (aragh) at biochemical, molecular, histological and steriological level using rat animal model.
- Determination of organic and inorganic elements and compounds in *Urtica dioica* distillate (Aragh ghazaneh) and study of its anti-diabetic compounds.
- Investigation of the effects of some Iranian medicinal plants (*Chicory intybus* and *Borago officinalis*) distillates on the fertility using mouse model.
- Effect of *Chicory intybus* distillate on antioxidant enzymes activity and expression in blood and uterus tissue in carbon- tetrachloride treated rats.
- Study of the anti-cancer effect of Iranian rough tailed gecko (*Cyrtopodion scabrum*) extract on the growth of some cancer cell lines and investigation of its effect on p53 signaling pathway.
- *In vivo* study of Potential Anti-Inflammatory and Growth Inhibitory Effect of Iranian rough tailed gecko *Cyrtopodion scabrum* Extract on Colon Cancer, using CT26 tumor bearing mice.

- Study of the effect of Gecko (*Cyrtopodion scabrum*) Extract on angiogenesis in HCT116 colorectal cancer cells (*in vitro*) and chicken embryo chorioallantoic membrane (*in vivo*).
- Protective Effect of *Cyrtopodion scabrum* against 5- Fluorouracil-Induced Nephrotoxicity and Cardiotoxicity in Male Albino Rats.
- Study of the potential protective role of *Cyrtopodion Scabrum* on antioxidant parameters in serum and liver of rat with 5-FU-induced oxidative damage.
- Characterization (composition determination) and Differentiation-Inducing ability of Gecko Extracts in Human Colon and Hepatocellular Cancer Cells.
- Study of lncRNA-Cox2 and lncRNA-00305 expression in PBMCs of patients with coronary artery disease and their correlation with serum biochemical parameters and pro-inflammatory cytokines after bacterial LPS stimulation.
- The evaluation of Nitazoxanide effect on reduction of drug resistance on Oxaliplatin-resistant LS174T colorectal cancer cells.
- Antioxidative and antiaging effects of beta-sitosterol rich lythrum salicaria extract loaded Nanostructured lipid carriers (NLCs) in ultraviolet A- irradiated hairless mice.
- Study of the molecular interaction of *Urtica dioica* distillate bioactive compounds and two key proteins of diabetes' signaling pathway, FOXO1 and PDX-1, using in-silico and molecular docking analysis.
- Evaluation of the mechanism of therapeutic effects of *Urtica dioica* distillate on diabetes- A study on molecular interaction of its bioactive compounds and two key proteins of diabetes' signaling pathway, GLUT4 and AMPK, using in-silico and molecular docking studies.

#### BOOKS

اصول بیوشیمی پزشکی (جلد ۱ و ۲) – برای دانشجویان علوم پزشکی  
 دکتر عاطفه ثقه الاسلام و همکاران  
 کتاب رفرائس دانشجویان دانشگاه علوم پزشکی شیراز و کلان منطقه ۵

#### LANGUAGE SKILLS

- Fluent in **Persian** and **English** languages.
- Familiar with **French** and **Arabic** languages.

## سمت های اجرایی تاکنون :

۱. مدیر گروه بیوشیمی بالینی (دانشکده پزشکی شیراز) - دیماه ۱۳۹۹ تاکنون.
۲. معاون امور هیات علمی دانشکده پزشکی - اسفند ۱۴۰۰ تا اسفند ۱۴۰۳
۳. مشاور و جانشین معاون آموزشی دانشگاه علوم پزشکی شیراز - اردیبهشت ۹۷ تا آذرماه ۱۳۹۸
۴. مدیر امور هیات علمی معاونت آموزشی دانشگاه علوم پزشکی شیراز - مرداد ۱۳۹۳ تا آبان ۱۳۹۴
۵. معاون امور هیات علمی دانشکده پزشکی - فروردین ۱۳۹۲ تا بهمن ۱۳۹۳
۶. معاون آموزشی علوم پایه دانشکده پزشکی - فروردین ۱۳۸۶ تا فروردین ۱۳۹۲
۷. عضو هیات ممیزه دانشگاه
۸. مسوول کارگروه تخصصی حیطه ۵ (هیات علمی) در اعتبار بخشی دوره MBBS دانشگاه علوم پزشکی شیراز - سال ۱۴۰۴
۹. مسوول اعتبار بخشی حیطه ۵ (هیات علمی) دانشکده پزشکی شیراز - سال ۱۴۰۲
۱۰. عضو کمیته ارتباط با صنعت دانشکده پزشکی
۱۱. عضو شورای دانشگاه
۱۲. عضو هیات ممیزه آموزشی دانشگاه
۱۳. عضو شورای آموزشی دانشگاه
۱۴. عضو کمیته صلاحیت علمی اعضای هیات علمی پژوهشی معاونت پژوهشی دانشگاه
۱۵. عضو کمیسیون فرهنگی (ماده یک) دانشگاه
۱۶. عضو کمیته بررسی حق التدریس مدرسين دانشگاه
۱۷. عضو شورای کد پوشش دانشکده پزشکی
۱۸. عضو کمیته بازنگری و تدوین آیین نامه شرح وظایف اعضای هیات علمی
۱۹. عضو کمیته پیاده سازی استانداردهای ملی آموزش پزشکی عمومی
۲۰. عضو شورای برنامه ریزی و بازنگری دروس دانشکده پزشکی
۲۱. عضو شورای آموزشی و پژوهشی دانشکده پزشکی
۲۲. عضو کمیته منتخب آموزشی دانشکده پزشکی
۲۳. رئیس کمیته اجرایی ادغام علوم پایه دانشکده پزشکی
۲۴. عضو کمیته علمی ادغام علوم پایه دانشکده پزشکی
۲۵. عضو کمیته ارزشیابی ادغام علوم پایه دانشکده پزشکی
۲۶. عضو کمیته ارزشیابی اساتید دانشگاه
۲۷. عضو شورای استاد مشاور دانشکده پزشکی
۲۸. عضو شورای استاد مشاور دانشگاه