



رزومه

Curriculum Vitae

(۱) مشخصات فردی

نام: سید حمید

نام خانوادگی: آقائی بختیاری

جنسیت: مذکر

رشته تحصیلی: زیست فناوری پزشکی

گروه آموزشی: زیست فناوری پزشکی

مرتبه علمی: استادیار

آدرس محل کار: دانشکده پزشکی، گروه زیست فناوری

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(۲) تحصیلات دانشگاهی

(۱) دکتری (PhD) زیست فناوری پزشکی، انستیتو پاستور ایران ۱۳۸۷-۱۳۹۳

(۲) کارشناسی ارشد بیوتکنولوژی پزشکی، دانشگاه تربیت مدرس ۱۳۸۴-۱۳۸۷

(۳) کارشناسی علوم آزمایشگاهی، دانشگاه علوم پزشکی تهران ۱۳۷۹-۱۳۸۲

(۴) کاردانی علوم آزمایشگاهی، دانشگاه علوم پزشکی مشهد ۱۳۷۷-۱۳۷۹

(۳) تجربیات آموزشی

(۱) مدرس واحد بیوانفورماتیک دانشجویان دکتری و کارشناسی ارشد دانشگاه علوم پزشکی تهران

(۲) مدرس کارگاه های در زمینه های بیوانفورماتیک و طراحی پرایمر، PCR و RT-PCR، کلونینگ و مهندسی ژنتیک و

انتقال ژن به سلول های جانوری برای دانشجویان دکتری و کارشناسی ارشد دانشگاه علوم پزشکی تهران

(۳) استادیار زیست فناوری پزشکی، دانشکده پزشکی، دانشگاه علوم پزشکی مشهد، اسفند ماه ۱۳۹۳ تا کنون

(۴) عناوین و امتیازات ویژه

(۱) رتبه اول آزمون بورد تخصصی زیست فناوری پزشکی انستیتو پاستور ایران ۱۳۸۹

(۲) برگزیده پایان نامه سال دانشجویی در رشته علوم پزشکی ۱۳۸۸

(۳) رتبه سوم ورودی دکتری (PhD) زیست فناوری پزشکی وزارت بهداشت ۱۳۸۷

(۴) رتبه اول ورودی کارشناسی ارشد بیوتکنولوژی پزشکی وزارت علوم ۱۳۸۴

(۵) فعالیت های پژوهشی

الف) انتشار مقاله در ژورنال های علمی پژوهشی سطح I: ISI

1. **Seyed Hamid Aghaee-Bakhtiari**, Ehsan Arefian, Mahmood Naderi, Farshid Noorbakhsh, Vahideh Nodouzi, Mojgan Asgari, Pezhman Fard-Esfahani, Reza Mahdian, Masoud Soleimani. ***MAPK and JAK/STAT pathways targeted by miR-23a and miR-23b in prostate cancer: A computational and in vitro approaches.*** Tumor Biology .2014. IF: 2.840
2. **Seyed Hamid Aghaee-Bakhtiari**, Ehsan Arefian, Masoud Soleimani, Farshid Noorbakhsh, Siamak Mirab Samiee, Pezhman Fard-Esfahani, Reza Mahdian. ***Reproducible and Reliable Real-time PCR Assay to Measure Mature Form of miR-141.*** Applied Immunohistochemistry & Molecular Morphology.2014. IF: 2.059
3. Zare M, Soleimani M, Akbarzadeh A, Bakhshandeh B, **Aghaee-Bakhtiari SH**, Mohammadian M, Zarghami N. ***A Novel Protocol to Differentiate Induced Pluripotent Stem Cells by Neuronal microRNAs to Provide a Suitable Cellular Model.*** Chem Biol Drug Des. 2014 Nov 27 IF: 2.507
4. Hoseini F, Noori Mugahi S, Akbari-Asbagh F, Eftekhari-Yazdi P, Aflatoonian B, **Aghaee-Bakhtiari S**, Aflatoonian R, Salsabili N. ***A randomized controlled trial of gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist in Iranian infertile couples: oocyte gene expression.*** Daru. 2014 Oct 7;22(1):67. IF: 1.11
5. Yousof Gheisari, Naser Ahmadbeigi, **Seyed Hamid Aghaee-Bakhtiari** , Seyed Mahdi Nassiri, Saeid Amanpour, Kayhan Azadmanesh, Athena Hajarizadeh, Zahra Mobarra, Masoud Soleimani, ***Human Unrestricted Somatic Stem Cell Administration Fails to Protect Nude Mice from Cisplatin-Induced Acute Kidney Injury,*** Nephron Experimental Nephrology 2013 IF: 1.649
6. Parviz Fallah, Ehsan Arefian, Mahmood Naderi, **Seyed Hamid Aghaee-Bakhtiari**, Amir Atashi, Katayoun Ahmadi, Abbas Shafiee, Masoud Soleimani, ***miR-146a and miR-150 promote the differentiation of CD133+cells into T-lymphoid lineage*** Mol Biol Rep. 2013 May 15 . [Epub ahead of print] IF: 1.958
7. Zahra Sharifzadeh, Fatemeh Rahbarizadeh, Mohammad Ali Shokrgozar, Davoud Ahmadvand, Fereidoun Mahboudi, Fatemeh Rahimi Jamnani, **Seyed Hamid Aghaee Bakhtiari**, ***Development of Oligoclonal Nanobodies for Targeting the Tumor-Associated Glycoprotein 72 Antigen*** Mol Biotechnol. 2012 Sep 27. [Epub ahead of print] IF: 2.275
8. Marzieh Attar, Masoud Soleimani, Mohammad Nabiuni, Fatemeh Jamshidi Adegani, **Seyed Hamid Aghaee Bakhtiari**, Zahra Karimi, Mansoureh Barzegar and Ehsan Arefian ***MicroRNA 17-92 expressed by transposone based vector changes expression level of cell cycle related genes*** Cell Biol Int. 2012 Jun 26. [Epub ahead of print] IF: 1.635
9. Rahimian A, Soleimani M, Kaviani S, **Aghaee-Bakhtiari SH**, Atashi A, Arefian E, Nikougoftar M ***Bypassing the maturation arrest in myeloid cell line U937 by over-expression of microRNA-424.*** Hematology. 2011 Sep;16(5):298-302 IF: 1.189
10. Ehsan Arefian, Jafar Kiani, Masoud Soleimani, S. Ali M. Shariati, **Seyed Hamid Aghaee-Bakhtiari**, Amir Atashi, Yousof Gheisari, Naser Ahmadbeigi, Ali M. Banaei-Moghaddam, Mahmood Naderi, Nabilolah Namvarasl, Liam Good and Omid R. Faridani, ***Analysis of microRNA signatures using size-coded ligation-mediated PCR,*** Nucleic Acids Resarch , 2011 Apr 12:1-7 IF: 8.808

11. Davoud Ahmadvand, Fatemeh Rahbarizadeh, Farnoush Jafari Iri-Sofla, Gholamreza Namazi, Sepideh Khaleghi, Bita Geramizadeh, Parvin Pasalar, Hosein Karimi, **Seyed Hamid Aghaee Bakhtiari, *Inhibition of Angiogenesis by Recombinant VEGF Receptor Fragments***, Labmedicine 2010 July 41 (7):13-18 IF: 0.49
12. **Seyed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Sadegh Hasannia, Davoud Ahmadvand, Farnoush Jafari Iri-Sofla, Mohammad Javad Rasaee, ***Anti-MUC1 nanobody can redirect T-body cytotoxic effector function***. Hybridoma Journal, 2009 Apr;28(2):85-92 IF: 0.333

(ج) انتشار مقاله در ژورنال‌های علمی پژوهشی سطح III: (Scopus, Chemical Abstract, Embase, Biological Abstract)

1. Hanieh Jalali, Kazem Parivar, Masoud Soleimani, Mohammad Nabiuni, **Hamid Aghaee-Bakhtiari. *Ex-Vivo Gene Therapy Using Lentiviral Mediated Gene Transfer into Umbilical Cord Blood Derived Stem Cells***. Zahedan Journal of Research in Medical Sciences. 2015
2. **Seyed Hamid Aghaee-Bakhtiari**, Ehsan Arefian, Masoud Soleimani, Siamak Mirab Samiee, Farshid Noorbakhsh, Pezhman Fard-Esfahani, Reza Mahdian. ***Bioinformatics evaluation for finding microRNAs suppressing PI3K/AKT pathway and analysis in prostate cancer cell lines***. Modares Journal of Medical Sciences: Pathobiology. 2014. **In Persian**
3. **Seyed Hamid Aghaee Bakhtiari**, Ehsan Arefian, Masoud Soleimani, Farshid Nourbakhsh, Siamak Mirab Samiee, Pejman Fardesfahani, Reza Mahdian, ***Bioinformatics evaluation of effective microRNAs suppressing genes involved in PI3K/AKT/mTOR pathway***, Genetic novin journal, Special issue of genetics congress, **In persian**
4. Marzieh Attar, Masoud Soleimani, Mohammad Nabiuni, Fatemeh Jamshidi Adegani, Ehsan Arefian, Seyed Hamid Aghaee bakhtiari, Zahra Karimi, ***Increased cell proliferation in consequence of mir-17 cluster over-expression in HEK293T cell line***, Genetic novin journal, Special issue of genetics congress, **In persian**
5. Jafari Iri Sofla F, Rahbarizadeh F, Rasaee MJ, **Aghaee Bakhtiari H**, Khaleghi S, ***High-expression of chimeric antigen receptor on T lymphocytes by genomic insertion***, Sci J Iran Blood Transfus Organ 2012; 9(1): 8-18, **In persian**
6. Narges arbabi, mehdi Behdani, majid golkar, **Seyed Hamid Aghaee bakhtiari**, Hossein Khan ahmad shahreza, Reza Mahdian, ***Cloning and expression of placental growth factor protein of human -1 (hPLGF-1) in Rosetta E.coli expression system***, Medical Sciences Journal of Islamic Azad University, Tehran Medical Branch 3. 2012; 22 (1) :32-38, **In persian**

(و) ارائه مقاله در کنفرانس‌ها یا سمینارهای خارجی:

1. **Seyed Hamid Aghaee Bakhtiari**, Yousof Gheisari, Naser Ahmadbeigi, Seyed Mahdi Nassiri, Saeed Amanpour, Masoud Soleimani, ***Renoprotective assessment of USSC transplantation in nude mice with acute kidney failure***, June 15 – 18, 2011, International Society for Stem Cell Research (ISSCR) Conference 2011, Toronto, ON Canada
2. **Seyed Hamid Aghaee Bakhtiari**, Seyed Ali Mohammad Shariati, Masoud Soleimani, Ehsan Arefian, Mahmood Naderi, Amir Atashi, Omid Reza Faridani, ***Detection Of Changes in Let-7 Expressions in Early Days of Differentiation of HESC to Neuron by Size-Coded Ligation-***

Mediated PCR (SL-PCR), July 2009, International Society for Stem Cell Research (ISSCR) Conference 2009 ,Barcelona, Spain

3. **Seyed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Farnosh Jafari Iri-Sofla, Mohammad Javad Rasaee, ***Anti-MUC1 VHH can redirect chimeric antigen receptor (CAR) cytotoxic effector function***, May 2009 European Human Genetics (ESHG) Conference 2009,Vienna, Austria
4. **Seyed Hamid Aghaee Bakhtiari**, F. Rahbarizadeh, A. Biglari, M. Rasaee, D. Gilham, ***Construction of a new chimeric receptor for T_cell therapy by using single domain antibody*** . June 2007 European Human Genetics (ESHG) Conference 2007, Nice, France

(ز) ارائه مقاله در کنگره ها یا سمینارهای داخلی:

1. **Seyed Hamid Aghaee Bakhtiari**, Reza Mahdian, Ehsan Arefian, Pejman Fardesfahani, Masoud Soleimani, Farshid Nourbakhsh, Siamak Mirab Samiee, ***Bioinformatics evaluation of effective microRNAs suppressing genes involved in androgen receptor pathway***, September 12-14, 2011 The 7th National Biotechnology Congress of Iran, Tehran-Iran
2. **Seyed Hamid Aghaee Bakhtiari**, Seyed Ali Mohammad Shariati, Ehsan Arefian, Omid Reza Faridani, Masoud Soleimani, ***Expression analysis of Let-7 family in Differentiation of human ESC to Neuron*** , May 2010,11th Iranian Genetics Congress ,Tehran, Iran
3. **Seyed Hamid Aghaee Bakhtiari**, Ehsan Arefian, Seyed Ali Mohammad Shariati, Masoud Soleimani, , Omid Reza Faridani, ***Expression analysis of mir 371 in USSC***, May 2010,11th Iranian Genetics Congress ,Tehran, Iran
4. Marzieh Attar, Masoud Soleimani, Mohammad nabbioni, Fatemeh Jamshidi Adgani, Ehsan Arefian, **Seyed Hamid Aghaee Bakhtiari**, Zahra Karimi, ***Cloning of mir 17 in PB-CAG-PuTK vector and transfection to eukaryotic cells***, May 2010,11th Iranian Genetics Congress ,Tehran, Iran
5. Farnosh Jafari Iri-Sofla , Fatemeh Rahbarizadeh, Mohammad Javad Rasaee, **Seyed Hamid Aghaee Bakhtiari**, Sepideh Khaleghi, ***Integration of chimeric receptor gene into genome of T cell using PhiC31 integrase***,November 2009, The 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology
6. **Seyed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Mohammad Javad Rasaee, Sadegh Hasannia , Farnosh Jafari Iri-Sofla , ***A nanobody selected against breast cancer***. Sep, 2008 The 11th Iranian Pharmaceutical Sciences Congress, Kerman-Iran
7. Farnosh Jafari Iri-Sofla , Fatemeh Rahbarizadeh, Mohammad Javad Rasaee, **Seyed Hamid Aghaee Bakhtiari**, Yashar Sadian, ***High expression of chimeric antigen receptors on T cells for cancer immunotherapy***. Sep, 2008 The 11th Iranian Pharmaceutical Sciences Congress, Kerman-Iran
8. **Seyed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Alireza Biglari, Mohammad Javad Rasaee, Sadegh Hasannia, Mehrnaz Nouri, ***Cloning of CH2 and CH3 of IgG3 Molecule Using One and Two Hinge Regions for Assessing Spacer Length Effects on Function of T_Cell Chimeric Receptor***. Nov, 2007 The 5th National Biotechnology Congress of Iran, Tehran-Iran
9. **Seyed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Alireza Biglari, Mohammad Javad

Rasaee, Sadegh Hasannia, Samila Farokhimanesh, Mehrnaz Nouri, ***Construction of A New T Lymphocyte Chimeric Receptor Using Nanobodies Against Muc1 Tumor Marker of Breast Cancer***, Oct-Nov, 2007, The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz-Iran

10. Samila Farokhimanesh, Fatemeh Rahbarizadeh, Mohammad Javad Rasaee, **Sayed Hamid Aghaee Bakhtiari**, Mehrnaz Nouri, ***Construction and Analysis of The Vector Containing Tbid (A Pro-Apoptotic Gene) Induced by Muc1 Promoter, Estrogen And Hypoxia Responsive Elements***, Oct-Nov, 2007, The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz-Iran
11. **Sayed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Alireza Biglari, Sadegh Hasannia, ***T Cell Therapy of Cancer***. May 2007, 8th National Congress of Iranian Medical Students and First International Congress of Medical Students, Shiraz, Iran
12. **Sayed Hamid Aghaee Bakhtiari**, Fatemeh Rahbarizadeh, Mohamad Javad Rasaee, ***Selection of Two New Nanobodies Against MUC1 Tumor Marker of Breast Cancer***. May 2007, 8th National Congress of Iranian Medical Students and First International Congress of Medical Students, Shiraz, Iran

(۶) علائق پژوهشی

بیو انفورماتیک، بیو انفورماتیک میکرو RNA ها، بیولوژی میکرو RNA ها، میکرو RNA ها و سرطان و درمان با میکرو RNA ها