

محبوبه نظری

دانشیار

محل خدمت: پژوهشگاه فناوری‌های نوین علوم زیستی
(ابن‌سینا)

سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
دانشگاه تربیت مدرس	بیوشیمی	۱۳۹۰	دکترای تخصصی

اطلاعات استخدامی

پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
	تمام وقت	قراردادی	مدیر گروه پژوهشی پروتئین های نوترکیب در سرطان	پژوهشکده سرطان معتمد جهاددانشگاهی

سوابق اجرایی

عضو هیات علمی پژوهشکده سرطان معتمد جهاددانشگاهی
پژوهشگر پژوهشکده سرطان معتمد جهاددانشگاهی

مقالات در نشریات

Oliayi M., Emamzadeh R., Nazari M., Nanobody-enhanced split-luciferase technology for .1 innovative detection of the liver cancer biomarker alpha-fetoprotein, Biochemical Engineering .Journal, 2024 9 1

Oliayi M., Emamzadeh R., Nazari M., Nanobody-enhanced split-luciferase technology for .2 innovative detection of the liver cancer biomarker alpha-fetoprotein, Biochemical Engineering .Journal, 2024 9 1

Fanaei , & kahrani, Z., Emamzadeh, R., Nazari, M., Uncovering the role of leucine 59 in Renilla .3 luciferase stability and activity with error-prone PCR: Implications for protein engineering, Protein Expression and Purification, 2024 2 1

Akbari, A., Emamzadeh, R., Nazari, M., Brandstetter, T., Røhe, J., Enhancing protein delivery for .4 tissue regeneration: Development of AGR2-loaded hydrogels with controlled release properties, International Journal of Biological Macromolecules, 2024 2 1

Abdolvahab, M.H., Safari, M., Hasannejad, F., (...), Salimi, A., Nazari, M., Optimization of a .5 recombinant BlaR-CTD protein formulation using the response surface methodology, Journal of Biological Engineering, 2024 12 1

Baghdadi, M.E., Emamzadeh, R., Nazari, M., Michelini, E., Development of a bioluminescent .6 homogenous nanobody-based immunoassay for the detection of prostate-specific antigen

- .(PSA),Enzyme and Microbial Technology,2024 10 1
ME Baghadi, R Emamzadeh, M Nazari, E Michelini,Development of a bioluminescent .7
homogenous nanobody-based immunoassay for the detection of prostate-specific antigen
.(PSA),Enzyme and Microbial Technology,2024-0804
Salehian, M., Emamzadeh, R., Nazari, M.,Exploring the Potential of Arginine to Increase .8
Coelenterazine-Renilla Luciferase Affinity and Enzyme Stability: Kinetic and Molecular Dynamics
Studies,Protein Journal,,2024
Oliayi, M., Emamzadeh, R., Rastegar, M., Nazari, M.,Tri-part NanoLuc as a new split technology .9
.with potential applications in chemical biology: a mini-review,Analytical Methods,,2023 8 17
Shahrbanoo Jafari, S., Emamzadeh, R., Nazari, M., Ganjalikhany, M.R.,Structural studies and .10
cell proliferation activity of human Follistatin-like 1 in reducing and non-reducing
.conditions,Process Biochemistry,2023 7 1
Montazeri, S., Rastegari, A., Mohammadi, Z., (...), Najafzadeh, S., Aghsami, M.,Chitosan .11
nanoparticle loaded by epidermal growth factor as a potential protein carrier for wound healing:
.In vitro and in vivo studies,IET Nanobiotechnology,2023 5 1
Hosseini, E., Kohan , Ghadr, H. , R., Bazrafkan, M., (...), Esfandyari, S., Nazari, M.,Rescuing .12
fertility during COVID-19 infection: exploring potential pharmacological and natural therapeutic
approaches for comorbidity, by focusing on NLRP3 inflammasome mechanism,Journal of
.Assisted Reproduction and Genetics,2023
Allahmoradi, H., Asghari, S.M., Ahmadi, A., Assareh, E., Nazari, M.,Anti-tumor and anti- .13
metastatic activity of the FGF2 118-126 fragment dependent on the loop structure,Biochemical
.Journal,2022 6 1
Rezaei, M., Nazari, M.,New Generation Vaccines for COVID-19 Based on Peptide, Viral Vector, .14
Artificial Antigen Presenting Cell, DNA or mRNA,Avicenna Journal of Medical Biotechnology,2022
.3 1
Rahdan, S., Razavi, S.A., Nazari, M., (...), Ramezani, A., Zarnani, A. ,& H.,Optimization of .15
Expression and Purification of Recombinant Mouse plac1,Avicenna Journal of Medical
.Biotechnology,2022 3 1
Nazari, M., Emamzadeh, R., Jahanpanah, M., Yazdani, E., Radmanesh, R.,A recombinant .16
affitoxin derived from a HER3 affibody and diphtheria-toxin has potent and selective antitumor
activity,International Journal of Biological Macromolecules,2022 10 31
Ajami, M., Nazari, M., mahmoodzadeh, H., Moazzeni, S.M.,Recombinant CD137-Fc, its .17
synthesis, and applications for improving the immune system functions, such as tumor
immunotherapy and to reduce the inflammation due to the novel coronavirus,Journal of Cellular
.Biochemistry,2021 9 1
Nazari, M., Radmanesh, R,Zher2 affibody as a good candidate for detection of metastatic .18
.prostate cancer,Avicenna Journal of Medical Biotechnology,2021 9 1
Bazrafkan, M., Hosseini, E., Nazari, M., Amorim, C.A., Sadeghi, M.R.,NLRP3 inflammasome: A .19
joint, potential therapeutic target in management of COVID-19 and fertility problems,Journal of
.Reproductive Immunology,2021 11 1
Nazari, M., Minai ,& Tehrani, A., Mousavi, S., Zamani Koukhaloo, S., Emamzadeh, .20
R.,Development of recombinant biomimetic nano-carrier for targeted gene transfer to HER3
.positive breast cancer,International Journal of Biological Macromolecules,2021 10 31
Mahmoudian, J., Nazari, M., Ghods, R., (...), Amiri, M.M., Zarnani, A. ,& H.,Expression of .21
human placenta-specific 1 (Plac1) in cho-k1 cells,Avicenna Journal of Medical
.Biotechnology,2020
Kolivand, S., Nazari, M., Modarressi, M.H., (...), Ghafouri ,& Fard, S., Motavaseli, E.,Optimized .22
protocol for soluble prokaryotic expression, purification and refolding of the human inhibin alpha
.subunit, a cysteine rich peptide chain,Human Antibodies,2020
Cheraghi, R., Nazari, M., Alipour, M., Hosseinkhani, S,Stepwise development of biomimetic .23

- .chimeric peptides for gene delivery,Protein and Peptide Letters,2020
Mehravar, M., Shirazi, A., Mehrazar, M.M., Nazari, M.,In vitro pre-validation of gene editing by .24
.CRISPR/Cas9 ribonucleoprotein,Avicenna Journal of Medical Biotechnology,2019 9 1
Nazari, M., Emamzadeh, R., Minai ,& Tehrani, A., Nasir Shirazi, M., Naimi, A.,A luminescent .25
biosensor for ex vivo detection of HER2-positive breast cancer based on a novel
.affiprobe,Analytical Methods,2019 7 24
Mahmoudian, J., Ghods, R., Nazari, M., (...), Ostad, S.N., Zarnani, A. ,& H.,PLAC1: biology and .26
.potential application in cancer immunotherapy,Cancer Immunology, Immunotherapy,2019 7 1
Rahmani, S., Hakimi, S., Esmaeily, A., (...), Tehrani, N.R., Tehrani, M.R.,Novel chitosan based .27
nanoparticles as gene delivery systems to cancerous and noncancerous cells,International
.Journal of Pharmaceutics,2019 4 5
Mahmoudian, J., Ghods, R., Nazari, M., (...), Ostad, S.N., Zarnani, A.H.,Expression profiling of .28
.plac1 in murine cancer cell lines,Experimental Oncology,2019 3 1
Nazari, M., Zamani Koukhaloo, S., Mousavi, S., (...), Emamzadeh, R., Cheraghi, R,Development .29
of a ZHER3-Affibody-Targeted Nano-Vector for Gene Delivery to HER3-Overexpressed Breast
.Cancer Cells,Macromolecular Bioscience,,2019 11 1
Varnosfaderani, Z.G., Emamzadeh, R., Nazari, M., Zarean, M.,Detection of a prostate cancer .30
cell line using a bioluminescent affiprobe: An attempt to develop a new molecular probe for ex
.vivo studies,International Journal of Biological Macromolecules,,2019 10 1
Mehravar, M., Shirazi, A., Nazari, M., Banan, M.,Mosaicism in CRISPR/Cas9-mediated genome .31
.editing,Developmental Biology,2019 1 15
Mehravar, M., Shirazi, A., Mehrazar, M.M., (...), Banan, M., Salimi, M.,Efficient production of .32
biallelic RAG1 knockout mouse embryonic stem cell using CRISPR/CAS9,Iranian Journal of
.Biotechnology,2019
Mehravar, M., Shirazi, A., Mehrazar, M.M., Nazari, M., Banan, M.,CRISPR/Cas9 System for .33
Efficient Genome Editing and Targeting in the Mouse NIH/3T3 Cells,Avicenna Journal of Medical
.Biotechnology,2019
Pourfakhraei, E., Badraghi, J., Mamashli, F., Nazari, M., Saboury, A.A.,Biodegradation of .34
asphaltene and petroleum compounds by a highly potent Daedaleopsis sp,Journal of Basic
.Microbiology,2018 7 1
Mohammadi, M., As'habi, M.A., Salehi, P., (...), Nazari, M., Brask, J.,Immobilization of laccase .35
on epoxy-functionalized silica and its application in biodegradation of phenolic
.compounds,International Journal of Biological Macromolecules,2018 4 1
Khoshneisan, G., Emamzadeh, R., Nazari, M., (...), Sariri, R., Hassani, L.,Kinetics, structure, .36
and dynamics of Renilla luciferase solvated in binary mixtures of glycerol and water and the
mechanism by which glycerol obstructs the enzyme emitter site,International Journal of
.Biological Macromolecules,2018 10 1
Nazari, M., Zarnani, A. , H., Ghods, R., (...), Massahi, S., Nejadmoqaddam, M. , R.,Optimized .37
protocol for soluble prokaryotic expression, purification and structural analysis of human
.placenta specific-1(PLAC1),Protein Expression and Purification,2017 5 1
Mirkalantari, S., Zarnani, A. ,& H., Nazari, M., Irajian, G.R., Amirmozafari, N.,Brucella melitensis .38
VirB12 recombinant protein is a potential marker for serodiagnosis of human brucellosis,Annals
.of Clinical Microbiology and Antimicrobials,2017 3 3
Rashid, Z., Ghahremanzadeh, R., Nejadmoqaddam, M. , R., (...), Naeimi, H., Zarnani, A. , .39
H.,Nickel-Salen supported paramagnetic nanoparticles for 6-His-target recombinant protein
.affinity purification,Journal of Chromatography A,2017 3 24
Tarokh, Z., Naderi ,& Manesh, H., Nazari, M,Towards prostate cancer gene therapy: .40
Development of a chlorotoxin-targeted nanovector for toxic (melittin) gene delivery,European
.Journal of Pharmaceutical Sciences,2017 3 1
Fanaei Kahrani, Z., Emamzadeh, R., Nazari, M., Rasa, S.M.M.,Molecular basis of .41

- thermostability enhancement of Renilla luciferase at higher temperatures by insertion of a disulfide bridge into the structure,Biochimica et Biophysica Acta - Proteins and Proteomics,2017 .21
- Nejadmojhaddam, M. , R., Zarnani, A. , H., Ghahremanzadeh, R., (...), Mahmoudi, M., .42
Dinarvand, R.,Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based .prostate cancer immunotherapy,Scientific Reports,2017 12 1
- Liyaghatdar, Z., Emamzadeh, R., Rasa, S.M.M., Nazari, M.,Trehalose radial networks protect .43
Renilla luciferase helical layers against thermal inactivation,International Journal of Biological .Macromolecules,,2017 12 1
- Rahnama, S., Saffar, B., Kahrani, Z.F., Nazari, M., Emamzadeh, R.,Super RLuc8: A novel .44
engineered Renilla luciferase with a red-shifted spectrum and stable light emission,Enzyme and .Microbial Technology,2017 1 1
- Safavi, A., Emamzadeh, R., Nazari, M., (...), Zarkesh ,& Esfahani, S.H., Rahgozar, S.,Super .45
RLuc8-sFv; a new luciferase-labeled probe for detection of human CD4+ cells,Molecular .BioSystems,2017
- Cheraghi, R., Nazari, M., Alipour, M., Majidi, A., Hosseinkhani, S.,Development of a Targeted .46
anti-HER2 scFv Chimeric Peptide for Gene Delivery into HER2-Positive Breast Cancer .Cells,International Journal of Pharmaceutics,2016 12 30
- Salehi, F., Emamzadeh, R., Nazari, M., Rasa, S.M.M.,Probing the emitter site of Renilla .47
luciferase using small organic molecules; an attempt to understand the molecular architecture of .the emitter site,International Journal of Biological Macromolecules,,2016 12 1
- Rashid, Z., Naeimi, H., Zarnani, A. , H., (...), Nejadmojhaddam, M. , R., Ghahremanzadeh, .48
R.,Fast and highly efficient purification of 6×histidine-tagged recombinant proteins by Ni-decorated MnFe2O4@SiO2@NH2@2AB as novel and efficient affinity adsorbent magnetic .nanoparticles,RSC Advances,2016
- Farzannia, A., Roghanian, R., Zarkesh ,& Esfahani, S.H., Nazari, M., Emamzadeh, R.,FcUni- .49
RLuc: An engineered Renilla luciferase with Fc binding ability and light emission .activity,Analyst,2015 3 7
- Hosseini, E.S., Kermanshahi, R.K., Hosseinkhani, S., Shojaosadati, S.A., Nazari, M.,Conjugated .50
linoleic acid production from various substrates by probiotic Lactobacillus plantarum,Annals of .Microbiology,2015 3 1
- Nazari, H., Kazemi, A., Hashemi, M. ,& H., Sadat, M.M., Nazari, M.,Evaluating the performance .51
of genetic and particle swarm optimization algorithms to select an appropriate scenario for forecasting energy demand using economic indicators: residential and commercial sectors of .Iran,International Journal of Energy and Environmental Engineering,2015 12 1
- Naderi, M., Moosavi , Movahedi, A.A., Hosseinkhani, S., (...), Hadi , Alijanvand, H., Sheibani, .52
N.,Implication of disulfide bridge induced thermal reversibility, structural and functional stability .for luciferase,Protein and Peptide Letters,2015
- Ehsani, M., Emamzadeh, R., Zarkesh ,& Esfahani, S.H., Nazari, M.,CD4 D3-binding probe: A .53
.novel fluorescence tool for detection and enumeration of CD4+ cells,RSC Advances,2015
- Emamzadeh, R., Nazari, M., Najafzadeh, S.,Adherent state apoptosis assay (ASA): A fast and .54
.reliable method to detect apoptosis in adherent cells,Analytical Methods,2014 6 21
- Nazari, M., Minai ,& Tehrani, A., Emamzadeh, R.,Comparison of different probes based on .55
.labeled annexin v for detection of apoptosis,RSC Advances,2014
- Cheraghi, R., Hosseinkhani, S., Davoodi, J., (...), Shamseddin, M., Gheidari, F.,Structural and .56
functional effects of circular permutation on firefly luciferase: In vitro assay of caspase .3/7,International Journal of Biological Macromolecules,,2013 7 1
- Nazari, M., Hosseinkhani, S., Hassani, L.,Step-wise addition of disulfide bridge in firefly .57
luciferase controls color shift through a flexible loop: A thermodynamic .perspective,Photochemical and Photobiological Sciences,2013 2 1

- Nazari, M., Mirshahi, M., Mowla, S. ,& J., Bamdad, T., Sarikhani, S.,Investigation in vitro .58
expression of catper sub fragment followed by production of polyclonal antibody: Potential
.candidate for the next generation of non hormonal contraceptive,Cell Journal,2012 9 1
- Nazari, M., Emamzadeh, R., Hosseinkhani, S., (...), Michelini, E., Roda, A.,Renilla luciferase- .59
.labeled Annexin V: A new probe for detection of apoptotic cells,Analyst,2012 11 7
- Nazari, M., Hosseinkhani, S,Design of disulfide bridge as an alternative mechanism for color .60
shift in firefly luciferase and development of secreted luciferase,Photochemical and
.Photobiological Sciences,2011 7 1
- Mohammadi, S., Nikkhah, M., Nazari, M., Hosseinkhani, S.,Design of a coupled .61
bioluminescent assay for a recombinant pyruvate kinase from a thermophilic
.geobacillus,Photochemistry and Photobiology,2011 11 1
- Imani, M., Hosseinkhani, S., Ahmadian, S., Nazari, M.,Design and introduction of a disulfide .62
bridge in firefly luciferase: Increase of thermostability and decrease of pH
.sensitivity,Photochemical and Photobiological Sciences,2010 8 1