



نام و نام خانوادگی: کامبیز ابرجی

آدرس: خیابان قصر دشت دانشکده علوم نوین و فناوریهای پزشکی گروه زیست فناوری پزشکی

شماره تماس: ۰۹۱۷۷۱۰۱۰۲۱

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تلفن دانشکده علوم نوین: ۰۷۱۳۲۳۰۵۴۷۱

تحصیلات:

سال (۱۳۸۹-۱۳۹۳)

دکتری تخصصی از دانشگاه شیراز

عنوان پروژه:

طراحی سیلیکونی آنزیم گلوتامیناز از گونه های مختلف اشربشیا و باسیلوس

سال (۱۳۸۱-۱۳۸۵)

کارشناسی ارشد (mph) دانشکده بهداشت دانشگاه علوم پزشکی شیراز

دکترای حرفه ای پزشکی عمومی دانشگاه آزاد اسلامی تهران

پایان نامه: تظاهرات روانپزشکی بیماری سیستماتیک لوپوس اریتماتوسوس

سال (۱۳۶۸-۱۳۷۶)

(با راهنمایی دکتر سیدمنصور حسینی وسید غلامرضا تدینی)

تجارب کاری:

- مدیر گروه زیست فناوری پزشکی دانشگاه (۱۳۹۸ تا کنون)
- پزشک معتمد دانشکده علوم و فناوریهای نوین پزشکی (۱۳۹۹ تا کنون)
- رئیس واحد خودگردان دانشگاه علوم پزشکی شیراز (۱۳۹۶-۱۳۹۸)
- عضو هیات رئیسه کاراته استان فارس (۱۳۹۶- تا کنون)
- استادیار گروه بیوتکنولوژی پزشکی دانشکده علوم نوین و فناوری های پزشکی (۱۳۹۵- تاکنون)
- قائم مقام و جانشین معاونت توسعه مدیریت و منابع دانشگاه علوم پزشکی شیراز
- عضو هیات رئیسه جودو استان فارس و رئیس کمیته تحقیقات هیات جودو استان فارس (۱۳۸۷-۱۳۹۵)
- مدیر کل امور دانشجویی و قائم مقام معاونت دانشجویی دانشگاه علوم پزشکی شیراز (۱۳۸۷-۱۳۸۸)
- دبیر شورای رفاهی دانشگاه علوم پزشکی شیراز (۱۳۸۷-۱۳۸۸)
- دبیر اجرای دومین المپیاد علمی دانشجویان دانشگاههای علوم پزشکی کشور (۱۳۸۸)
- معاون مدیریت منابع انسانی دانشگاه علوم پزشکی شیراز (۱۳۸۳-۱۳۸۴)
- دبیر ستاد اشتغال و کار آفرینی دانشگاه علوم پزشکی شیراز (۱۳۸۳-۱۳۸۴)
- رئیس شورای تحول اداری دانشگاه علوم پزشکی شیراز (۱۳۸۳- ۱۳۸۴)
- پزشک شاغل در بخش مراپت‌های ویژه نوزادان بیمارستان دنا شیراز (۱۳۸۳-۱۳۸۴)
- معاون فنی مرکز بهداشت شهرستان شیراز (۱۳۸۲-۱۳۸۳)
- پزشک معتمد مرکز بهداشت شهرستان شیراز (۱۳۸۲-۱۳۸۳)
- مسوول واحد ارتباطات و آموزش سلامت مرکز بهداشت شهرستان شیراز (۱۳۸۲-۱۳۸۳)
- رئیس مرکز بهداشتی درمانی و فوریت‌های حضرت امیرالمومنین (ع) کوار (۱۳۸۰-۱۳۸۲)

سابقه تدریس:

استاد یار دانشکده علوم و فن آوریهای نوین پزشکی - گروه زیست فناوری پزشکی ۱۳۹۳ تا کنون

استاد گروه بیوشیمی دروس بیوشیمی دانشجویان رشته های پزشکی و دندانپزشکی و داروسازی واحد خودگردان دانشگاه علوم پزشکی شیراز (۱۳۹۳-۱۳۹۶)

تدریس درس بیوشیمی دانشگاه علمی کاربردی کوار (۱۳۹۴)

تدریس دروس آناتومی و فیزیولوژی دانشکده پرستاری شهرستان لار ۱۳۸۵

انتشارات:

- [Amino-7, 8-dihydro-4H-chromenone derivatives as potential inhibitors of acetylcholinesterase and butyrylcholinesterase for Alzheimer's disease management; in vitro and in ...](#) 2024
A Asadipour, Y Pourshojaei, M Mansouri, E Mahdavizadeh, C Irajie, ...
BMC chemistry 18 (1), 1-18
- [Optimization of Spore Production in *Bacillus coagulans* Using Response Surface Methodology Approach](#) 2024
SH Mirmajidi, C Irajie, A Savardashtaki, N Nezafat, MH Morowvat, ...
Applied Biochemistry and Biotechnology, 1-13
- [Escherichia coli cytosine deaminase: Structural and biotechnological aspects](#) 2024
P Vosough, A Vafadar, S Naderi, SK Alashti, S Karimi, C Irajie, ...
Biotechnology and Applied Biochemistry 71 (1), 5-16
- [Unveiling promising breast cancer biomarkers: an integrative approach combining bioinformatics analysis and experimental verification](#) 2024
A Golestan, A Tahmasebi, N Maghsoodi, SN Faraji, C Irajie, A Ramezani
BMC cancer 24 (1), 155
- [Phenyl-quinoline derivatives as lead structure of cholinesterase inhibitors with potency to reduce the GSK-3 \$\beta\$ level targeting Alzheimer's disease](#) 2023
M Noori, N Dastyafteh, S Safapoor, MK Ghomi, R Tanideh, K Zomorodian, ...
International Journal of Biological Macromolecules 253, 127392
- [Design, synthesis, in vitro, and in silico evaluations of kojic acid derivatives linked to amino pyridine moiety as potent tyrosinase inhibitors](#) 2023
DR Niri, MH Sayahi, S Behrouz, A Moazzam, F Rasekh, N Tanideh, ...
Heliyon 9 (11)

- 7. Correction to: Identification of potential RapJ hits as sporulation pathway inducer candidates in *Bacillus coagulans* via structure-based virtual screening and molecular ...** 2023

SH Mirmajidi, C Irajie, A Savardashtaki, M Negahdaripour, N Nezafat, ...
Journal of Molecular Modeling 29 (10), 317
- 8. Identification of potential RapJ hits as sporulation pathway inducer candidates in *Bacillus coagulans* via structure-based virtual screening and molecular dynamics ...** 2023

SH Mirmajidi, C Irajie, A Savardashtaki, M Negahdaripour, N Nezafat, ...
Journal of Molecular Modeling 29 (8), 256
- 9. Tissue Extract from Brittle Star Undergoing Arm Regeneration Promotes Wound Healing in Rat** 2023

A Afshar, A Khoradmehr, F Nowzari, N Baghban, M Zare, M Najafi, ...
Marine Drugs 21 (7), 381
- 10. Synthesis and tyrosinase inhibitory activities of novel isopropylquinazolinones** 2023

A Hashemi, M Noori, N Dastyafteh, SE Sadat-Ebrahimi, ...
BMC chemistry 17 (1), 65
- 11. [1, 2, 4] triazolo [3, 4-b][1, 3, 4] thiadiazole derivatives as new therapeutic candidates against urease positive microorganisms: design, synthesis, pharmacological ...** 2023

M Khalili Ghomi, M Noori, M Nazari Montazer, K Zomorodian, ...
Scientific Reports 13 (1), 10136
- 12. Comparing the healing properties of intra-articular injection of human dental pulp stem cells and cell-free-secretome on induced knee osteoarthritis in male rats** 2023

F Nowzari, M Zare, N Tanideh, A Meimandi-Parizi, S Kavousi, ...
Tissue and Cell 82, 102055
- 13. Hydroalcoholic extract of *Glycyrrhiza glabra* root combined with *Linum usitatissimum* oil as an alternative for hormone replacement therapy in ovariectomized rats** 2023

N Tanideh, F Daneshmand, M Karimimanesh, J Mottaghipisheh, ...
Heliyon 9 (5)
- 14. Synthesis, in vitro α -glucosidase inhibitory activities, and molecular dynamic simulations of novel 4-hydroxyquinolinone-hydrazones as potential antidiabetic agents** 2023

N Shayegan, S Haghypour, N Tanideh, A Moazzam, S Mojtavavi, ...
Scientific Reports 13 (1), 6304
- 15. Developing Multi-epitope Antigen Construct from Immunodominant Proteins for Serological Diagnosis of *Chlamydia trachomatis*: An In Silico Approach** 2023

F Ghalamfarsa, A Savardashtaki, C Irajie, A Emami, N Nezafat, ...
Current Proteomics 20 (2), 91-106

- 16. Synthesis and structure–activity relationship studies of benzimidazole-thioquinoline derivatives as α -glucosidase inhibitors** 2023
S Moghadam Farid, M Noori, M Nazari Montazer, M Khalili Ghomi, ...
Scientific Reports 13 (1), 4392
- 17. Thioquinoline derivatives conjugated to thiosemicarbazide as potent tyrosinase inhibitors with anti-melanogenesis properties** 2023
M Noori, R Sabourian, A Tasharoie, M Safavi, A Iraj, M Khalili Ghomi, ...
Scientific Reports 13 (1), 2578
- 18. [1, 2, 4] triazolo [3, 4-b][1, 3, 4] thiadiazole derivatives as new therapeutic candidates against urease positive microorganisms: design, synthesis, pharmacological ...** 2023
MK Ghomi, M Noori, MN Montazer, K Zomorodian, N Dastyafteh, ...
Scientific Reports 13
- 19. Mino Khalili Ghomi, Milad Noori, Mohammad Nazari Montazer, Kamiar Zomorodian 3, Navid Dastyafteh 4, Somayeh Yazdanpanah 3, Mohammad Hosein Sayahi 5, Shahrzad Javanshir 4 ...** 2023
C Irajie, A Iraj, M Mahdavi
Scientific Reports 13, 10136
- 20. Primary Spontaneous Pneumothorax: Open Thoracotomy vs. Video-assisted Thoracoscopic Surgery: A Single-center Retrospective Cohort Study** 2023
S Mehrabi, MB Shadmehr, C Irajie, MJY Barhaghtalab
Iranian Journal of Medical Sciences 48 (1), 49
- 21. Evaluation of the Bone Formation Potential of Collagen/ β -TCP/Ginger Extract Scaffold Loaded with Mesenchymal Stem Cells in Rat Animal model: A Stereological Study** 2022
N Tanideh, A Bordbar, H Bordbar, MS Khaghaninejad, S Daneshi, ...
Journal of Maxillofacial and Oral Surgery, 1-12
- 22. Magnetic chitosan nanoparticles loaded with Amphotericin B: Synthesis, properties and potentiation of antifungal activity against common human pathogenic fungal strains** 2022
Z Zareshahrabadi, M Khorram, K Pakshir, AM Tamaddon, M Jafari, ...
International Journal of Biological Macromolecules 222, 1619-1631
- 23. Novel phenylurea-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies** 2022
SE Sadat-Ebrahimi, A Bigdelou, RH Sooreshjani, MN Montazer, ...
Journal of Molecular Structure 1263, 133078
- 24. Design and synthesis of new *N*-thioacylated ciprofloxacin derivatives as urease inhibitors with potential antibacterial activity** 2022
K Pedrood, H Azizian, MN Montazer, A Moazzam, M Asadi, H Montazeri, ...
Scientific Reports 12 (1), 13827

- 25. Investigating the Effect of Hydroalcoholic Extract of Licorice Root to Prevent Ovariectomy-Mediated Complications** 2022
N Tanideh, Z Zareian, R Hosseinpour, R Tanideh, F Koohepeyma, ...
BioMed Research International 2022
- 26. The effect of hydroalcoholic extract of *Psidium guajava L.* on experimentally induced oral mucosal wound in rat** 2022
F Ghaderi, E Ebrahimi, F Sari Aslani, O Koochi-Hosseiniabadi, ...
BMC Complementary Medicine and Therapies 22 (1), 201
- 27. New solid phase methodology for the synthesis of biscoumarin derivatives: experimental and in silico approaches** 2022
E Zarenezhad, MN Montazer, M Tabatabaee, C Irajie, A Irajie
BMC chemistry 16 (1), 53
- 28. Evaluating Five *Escherichia coli* Derivative Strains as a Platform for Arginine Deiminase Overproduction** 2022
S Abdollahi, MH Morowvat, A Savardashtaki, C Irajie, S Najafipour, ...
Recent Patents on Biotechnology 16 (2), 174-183
- 29. A brief overview on the application and sources of α -amylase and expression hosts properties in order to production of recombinant α -amylase** 2022
A Movahedpour, M Asadi, SH Khatami, M Taheri-Anganeh, M Adelipour, ...
Biotechnology and Applied Biochemistry 69 (2), 650-659
- 30. The promising therapeutic and preventive properties of anthocyanidins/anthocyanins on prostate cancer** 2022
J Mottaghipisheh, AH Doustimotlagh, C Irajie, N Tanideh, A Barzegar, ...
Cells 11 (7), 1070
- 31. Recombinant expression and antibacterial properties of BmTXKS2 venom peptide in fusion with GST** 2022
S Taghizadeh, A Savardashtaki, C Irajie, MR Rahbar, Y Ghasemi
International Journal of Peptide Research and Therapeutics 28 (2), 66
- 32. Osteogenesis effect of ginger (*Zingiber officinale*) hydroalcoholic extract in mouse embryos.** 2022
C Irajie, AA Shiri, P Ghaemmaghani, F Dehghani, T Talaei-Khozani, ...
- 33. A left lung with four lobes: a new discovery during the thoracotomy for recurrent primary spontaneous pneumothorax** 2021
S Mehrabi, N Tanideh, R Hosseinpour, C Irajie, MJ Yavari Barhaghtalabi
Journal of Cardiothoracic Surgery 16, 1-7
- 34. Computational Elucidation of Phylogenetic, Functional and Structural Features of Methioninase from *Pseudomonas*, *Escherichia*, *Clostridium* and *Citrobacter* Strains** 2021
C Irajie, M Mohkam, B Vakili, N Nezafat
Recent Patents on Biotechnology 15 (4), 286-301

35. Novel strategy of cartilage repairing *via* application of *P. atlantica* with stem cells and collagen 2021
N Tanideh, G Borzooeian, M Lotfi, M Sani, C Irajie, P Ghaemmaghani, ...
Artificial Organs 45 (11), 1405-1421
36. Linarin, a glycosylated flavonoid, with potential therapeutic attributes: A comprehensive review 2021
J Mottaghipisheh, H Taghrir, A Boveiri Dehsheikh, K Zomorodian, C Irajie, ...
Pharmaceuticals 14 (11), 1104
37. Comparative Evaluation of the Analgesic Effects of *Pistacia atlantica* Leaves, Gum, and Fruit Extracts in Rats 2021
N Tanideh, A Ameri, A Jamshidzadeh, P Keshavarz, R Tanideh, ...
Shiraz E-Medical Journal 22 (5)
38. Effect of flaxseed oil on biochemical parameters, hormonal indexes and stereological changes in ovariectomized rats 2021
R Tanideh, S Delavari, O Farshad, C Irajie, M Javad Yavari Barhaghtalab, ...
Veterinary Medicine and Science 7 (2), 521-533
39. The antioxidant and anti-inflammatory effects of *Quercus brantii* extract on TNBS-induced ulcerative colitis in rats 2021
M Alizade Naini, S Mehrvarzi, A Zargari-Samadnejadi, N Tanideh, ...
Evidence-based Complementary and Alternative Medicine 2021
40. Research Article The Antioxidant and Anti-Inflammatory Effects of *Quercus brantii* Extract on TNBS-Induced Ulcerative Colitis in Rats 2021
MA Naini, S Mehrvarzi, A Zargari-Samadnejadi, N Tanideh, M Ghorbani, ...
41. In silico design and evaluation of PRAME+ FliCΔD2D3 as a new breast cancer vaccine candidate 2021
M Taheri-Anganeh, A Savardashtaki, A Vafadar, A Movahedpour, ...
Iranian Journal of Medical Sciences 46 (1), 52
42. Evaluation of the healing effect of *Psidium Guajava* L. hydro-alcoholic fruit extract on induced osteoarthritis in male rats 2020
نوی زاده, ساراسادات, احمدی زارعی, ایرجی, ایرجی, آیدا, قائم مقام, پروین, ..
Iranian Journal of Orthopedic Surgery 17 (3), 116-125
43. (بر استئوآرتریت *Psidium Guajava* L ارزایی اثر درمانی عصاره هیدروالکلی میوه زیتون محلی) ایجاد شده در موش نر 2020
SS Nabavizadeh, M Mohsen Ahmadi Zarei, C Irajie, A Irajie, ...
مجله جراحی استخوان و مفاصل ایران ۱۷ (۳), ۱۱۶-۱۲۰
44. The protective effects of grape seed oil on induced osteoarthritis of the knee in male rat models 2020
N Tanideh, S Ashkani-Esfahani, F Sadeghi, O Koohi-Hosseiniabadi, ...
Journal of Orthopaedic Surgery and Research 15, 1-9
45. اثر عصاره هیدروالکلی زرشک و رزوراترول بر مورفولوژی تخمدان و پارامترهای بیوشیمیایی در رت های مبتلا شده به سندروم تخمدان پلی کیستیک به وسیله لئروزول 2020

F Ashkar, MH Eftekhari, N Tanideh, F Koohpeyma, M Mokhtari, K Irajie, ...
International Journal of Reproductive BioMedicine 18 (8), 637-650

- 46. Effect of hydroalcoholic extract of *Berberis integerrima* and resveratrol on ovarian morphology and biochemical parameters in Letrozole-induced polycystic ovary syndrome rat ...** 2020

F Ashkar, MH Eftekhari, N Tanideh, F Koohpeyma, M Mokhtari, C Irajie, ...
International journal of reproductive biomedicine 18 (8), 637

- 47. Effect of hydroalcoholic extract of *Berberis integerrima* and resveratrol on ovarian morphology and biochemical parameters in Letrozole-induced polycystic ovary syndrome rat ...** 2020

F Ashkar, MH Eftekhari, N Tanideh, F Koohpeyma, M Mokhtari, C Irajie, ...
International journal of reproductive biomedicine 18 (8), 637

- 48. Amino acids sequence-based analysis of arginine deiminase from different prokaryotic organisms: An in silico approach** 2020

S Abdollahi, MH Morowvat, A Savardashtaki, C Irajie, S Najafipour, ...
Recent Patents on Biotechnology 14 (3), 235-246

- 49. Synthesis and evaluation of biological activities of tripodal imines and β -lactams attached to the 1, 3, 5-triazine nucleus** 2020

M Bashiri, A Jarrahpour, B Rastegari, A Irajie, C Irajie, Z Amirghofran, ...
Monatshefte für Chemie-Chemical Monthly 151, 821-835

- 50. In silico design and evaluation of scFv-CdtB as a novel immunotoxin for breast cancer treatment** 2020

A Vafadar, M Taheri-Anganeh, A Movahedpour, Z Jamali, C Irajie, ...
International Journal of Cancer Management 13 (1)

- 51. Bacterial strain isolated from high-salt environments can produce large amounts of new polyhydroxyalkanoate (Pha)** 2020

A Gholami, Y Ghasemi, A Kazemi, SN Abootalebi, C Irajie, A Ireji, ...
J. Environ. Treat. Tech 8, 1268-1273

- 52. Structural characterization of polysaccharide-coated iron oxide nanoparticles produced by *Staphylococcus warneri*, isolated from a thermal spring** 2019

S Kianpour, A Ebrahiminezhad, M Deyhimi, M Negahdaripour, MJ Raei, ...
Journal of basic microbiology 59 (6), 569-578

- 53. In silico analysis of nattokinase from *Bacillus subtilis* sp natto** 2017

C Irajie, M Mohkam, N Nezafat, F Mohammadi, Y Ghasemi
Int. J. Pharm. Clin. Res 9 (4), 286-292

- 54. In silico analysis of glutaminase from different species of *Escherichia* and *Bacillus*** 2016

C Irajie, M Mohkam, N Nezafat, S Hosseinzadeh, M Aminlari, Y Ghasemi
Iranian journal of medical sciences 41 (5), 406

- 55. Nattokinase: production and application** 2014

F Dabbagh, M Negahdaripour, A Berenjian, A Behfar, F Mohammadi, ...

Applied microbiology and biotechnology 98, 9199-9206

56. Optimization of RNA extraction from rat pancreatic tissue

Dastgheib, C Irajie, R Assaei, F Koohpeima, P Mokarram

Iranian journal of medical sciences 39 (3), 282

2014

57. Identification and determination of the fatty acid composition of *Quercus brantii* growing in southwestern Iran by GC-MS

S Khodadoust, A Mohammadzadeh, J Mohammadi, C Irajie, M Ramezani

Natural product research 28 (8), 573-576

2014

58. Different patterns of DNA methylation of the two distinct O⁶-methylguanine-DNA methyltransferase (O⁶-MGMT) promoter regions in colorectal cancer

P Mokarram, M Zamani, S Kavousipour, F Naghibalhossaini, C Irajie, ...

Molecular biology reports 40, 3851-3857

2013

59. Effects of auricular acupressure combined with low-calorie diet on the leptin hormone in obese and overweight Iranian individuals

M Darbandi, S Darbandi, MG Mobarhan, AA Owji, B Zhao, K Irajji, H Abdi, ...

Acupuncture in Medicine 30 (3), 208-213

تجربیات و مهارت‌های کاربردی تجهیزاتی:

- GC-MS-MS (Gas Chromatography-Mass-Mass)
- HPTLC (High Performance Thin Layer Chromatography)
- UV (Ultra Violet)
- AAS (Atomic Absorption Spectroscopy)
- CE (Capillary Electrophoresis)

سابقه پروژه‌های تحقیقاتی:

- Evaluation of the effects of Pomegranate peel extract on prevention of selenite-induced cataract in mice
- Extraction and identification of chemical composition of the Essential Oils using GC-Mass
- Total phenol assay
- Antioxidant assay
- Analyze the purity of samples with HPTLC
- Using Plasma and AAS for determination trace metals and heavy metals in natural waters and standard biological samples

مهارت‌های زبانی:

- Persian as native language
- IELTS: Overall= 6.5

مهارت‌های کامپیوتر:

- Auto Dock
- ICDL
- Chimera
- MOE
- SPSS
- EndNote
- Chem office including chemdraw, chem 3D
- Able to use all main Microsoft Office Products

مهارت‌های ورزشی:

- کمر بند مشکی دان ۵ پرشین کیوکوشین
- کمر بند مشکی دان ۲ جودو