Tabriz University of Medical Sciences (TUOMS)
School of Medicine

Curriculum Vitae

Personal Data:

First name: Ashraf

Last name: Fakhari

Nationality: Iranian

Date of birth: September, 1, 1985

Place of birth: Tabriz

Marital status: Married

Specialty: Radiopharmacy

Academic rank: Assistant professor

Department/Research Center: Nuclear Medicine

Address (Office): Tabriz University of Medical Sciences, Emam Reza Hospital, Rdiology Department, Golgasht street, Tabriz, Iran

Telephone (Office): 04133362504

Fax (Office): 04133362504

Cell Phone: 09143192558

E-mail: a.fakhari34@gmail.com & Fakhari.a@tbzmed.ac.ir

***h*-index (Scopus): 5**

ORCID ID: a.fakhari34@gmail.com

Scopus ID: 264217988800

Researcher ID: D-8908-2016

ORCID: 0000-0002-1732-5544

Fields of interest

Radiopharmacy, Nuclear Medicine, OrganicChemistry, Radiolabeling

Skills: (language, software...)

English Language Skills, Chemical Synthesis Skills, Preparation of Radio-Tracers, Knowing all about Radiopharmaceuticals, spectroscopy, chromatography, SPECT, PET, Microsoft Office, Photoshop, Corel draw, Internet, Autodock, Hyprchem, ACD Lab, Chemoffice, Windows, linux

Educational Background:

Date	Degree	Institution	Country
2011-2015	Ph.D	Tehran University of Medical Sciences, Tehran	Iran
2007-2010	M.Sc	Azarbaijan Shahid Madani University, Tabriz	Iran
2003-2007	B.Sc.	Azarbaijan Shahid Madani University,Tabriz	Iran
1999-2003	High School Diploma.	Fatemiyeh High School, Tabriz	Iran

Sabbaticals:

Start and End Date (month/year)	Details

Thesis

Degree	Title
Ms	Study of multicomponent for the possible synthesis of some heterocyclic compounds
phD	Production and evaluation of radiolanthanide complexes with pamidronate and alendronate for nuclear medicine applications

Educational experience

Teaching

Date (month/year)	**Course Name,** Venue (Institution, Address)
2010-2014	Laboratory of identification and separation of organic Compounds In Azarbaijan Shahid Madani University
2010-2014	Organic Chemistry 1 & laboratory In Azarbaijan Shahid Madani University
2010-2014	Organic Chemistry 2 & laboratory In Azarbaijan Shahid Madani University
2010-2014	Organic Chemistry 3 & laboratory In Azarbaijan Shahid Madani University
2018-2019	Participation on teaching of Radiopharmacy (to Pharmacy students) In Tehran University of Medical Sciences
On going	Nuclear medicine (to Medical students) Nuclear medicine (to molecular imaging medicine M.Sc students) In Tabriz University of Medical Sciences

Workshop(s)

Date (month/year)	**Course Name,** Venue (Institution, Address)
2012-11-21	Clinical studies with radiopharmaceuticals, Atomic Energy Organization, Tehran, Iran
2019-05-16	Introduction of "Radiopharmacy", As teacher, In Tabriz University of Medical Sciences, Faculty of Pharmacy
2019-08-02	Preparation and quality control of kits and radiopharmaceuticals, Pars Isotope Company,

Lecture(s)

Date (month/year)	**Details**
2014-11-12	New Therapeutic radiopharmaceutical for bone metastasis, 6th international congress and 18rd Iranian Nuclear Medicine Annual Congress
2019-11-27	Introduction of carbone's nanoparticles derivatives as a facilitator to troublous radiolabeling process, 23rd Iranian Nuclear Medicine Annual Congress
2029-10-2	Preparation and biodistribution evolution of new radiotracer with the aim of ERs scintigraphy, Alavi Meeting, In Tabriz University of Medical Sciences

Research Activities:

Research areas, Interests

- Focusing on diagnostic radiolabelling of some navel nanostructure by 99m-Technetium with the aim of assaying all kind of malignant tumors especially prognosis of breast cancer
- Focusing on preparation of some new radio-Tracers by 99m-Technetium that are able to concentrate on in vivo bacterial sites with the aim of differentiating of stril inflammatory and infection
- Focusing on radiolabeling of some chemotherapy tracers to evaluate of accumulation in malignant sites through diagnostic radio isotopes and expanding that towards therapeutic complex as like as 177-Luetitium radio complex if there is reasonable data with diagnostic ones.
- Focusing on introduction of new approved diagnostic radiopharmaceutical through performing scintigraphy

Books:

N	Title	authors	Publisher	**Authorship/** Translation/ ….

Selected articles:

N	Title	authors	Journal	Year	Indexed in (Scopus, Medline, WOS, ….)
1	Facile, efficient, and eco-friendly synthesis of benzo [b] pyran-2-imines over MgO and transformation to the coumarin derivatives	H Valizadeh, **A Fakhari**,	Journal of Heterocyclic Chemistry	2009	ISI

2	New multicomponent approach for the synthesis of benzo [c] coumarin derivatives over MgO under solvent-free conditions	H Valizadeh, **A Fakhari**,	Molecular diversity	2010	ISI
3	A mild and facile one-pot synthesis of n-methyl-3-acyl-pyrroles Molecules	H Valizadeh, **A Fakhari**	Molecule	2010	ISI
4	Development of 166Ho-pamidronate for bone pain palliation therapy	**A Fakhari**, AR Jalilian, H Yousefnia, F Johari-Daha, M Mazidi, A Khalaj	Journal of Radioanalytical and Nuclear Chemistry	2014	ISI
5	Development of 68Ga ethyl cysteinate dimer for PET studies	A Mirzaei, AR Jalilian, G Shabani, **A Fakhari,** M Akhlaghi, D Beiki	Journal of Radioanalytical and Nuclear Chemistry	2015	ISI
6	Preparation, biological evaluation and dosimetry studies of 175Yb-Bis-phosphonates for palliative treatment of bone pain	**A Fakhari**, AR Jalilian, H Yousefnia, S Shanehsazzadeh, AB Samani	Molecular imaging and radionuclide therapy	2015	ISI
7	Radiolabeling and evaluation of two 177Lu-labeled bis-phosphonates	**A Fakhari**, AR Jalilian, H Yousefnia, A Bahrami-Samani, F Johari-Daha	Iranian Journal of Nuclear Medicine	2015	ISI
8	Production, quality control, biodistribution assessment and preliminary dose evaluation of ^{166}Ho-alendronate as a bone marrow ablative agent	**A Fakhari**, AR Jalilian, H Yousefnia, S Zolghadri, AB Samani, MR Akbari	Radiochimica Acta	2015	ISI
9	Radiosynthesis and Animal Studies of 111In-DTPA-bis-alendronate Complex.	**A Fakhari**, AR Jalilian, MS Ardestani, FJ Deha, M Mirzaie, S Moradkhan	Frontiers in Biomedical Technologies	2015	ISI
10	Preparation and biological study of 68Ga-DOTA-	**A Fakhari**, AR Jalilian, F Johari-Daha, M Shafiee-	Asia Oceania Journal of Nuclear Medicine	2016	PubMed

	alendronate.	Ardestani, A Khalaj	and Biology		
11	Recent developments in targeted imaging of CXCR4-chemokine receptor	**A Fakhari**, A Aghanejad* , AR Jalilian, E Gharepapagh	Journal of Radioanalytical and Nuclear Chemistry	2018	ISI
12	Dos and Don'ts that are Issued through Radiolabeling Process of DMSA (Dimercaptosuccinic Acid) by 99mTcO4- as 99mTc-DMSA(III), the Gold Standard Radiopharmaceutical for Renal Cortical Scintigraphy	**Fakhari A**, Mamaghani FF, Gharepapagh E, Dabiri S	J Nucl Med Radiat Ther	2018	ISI
13	Correlation of cancer antigen 15-3 (CA15-3) serum level and bony metastases in breast cancer patients,. (19 Dec); 33.142.	**Ashraf Fakhari**, Esmaeil Gharepapagh, Shahram Dabiri1, Neda Gilani,	Med J Islam Repub Iran	2019	Scopus
14	Development of Radiolanthanide-Labeled-BisAlendronate Complexes for Bone Pain Palliation Therapy	**Fakhari A**, Jalilian AR*, Yousefnia H, ShafeeArdestani M1, Johari-Daha F, Mazidi M and Khalaj A	Austin Journal of Nuclear Medicine and Radiotherapy	2015	ISI
15	Preparation, biodistribution and dosimetry study of Tc-99m labeled N-doped graphene quantum dot nanoparticles as a multimodular radiolabeling agent	Esmaeil Gharepapagh,ab **Ashraf Fakhari**, *ab Tahereh Firuzyar,c Ashkan Shomalid and Farzaneh Azimie	New Journal of Chemistry	2021	ISI
	Development of	**Fakhari A** , Jalilian AR*,	Austin Journal of	2015	ISI

16	Radiolanthanide-Labeled-BisAlendronate Complexes for Bone Pain Palliation Therapy	Yousefnia H, ShafieeArdestani M, Johari-Daha F, Mazidi M and Khalaj A	Nuclear Medicine and Radiotherapy		
17	Te Association of Kidney's GFR and Serum Creatinine Levels with Renal Scarring through 99mTc-Glucoheptonate Radiopharmaceutical Scan in Patients with Urinary Tract Infection	**Ashraf Fakhari**, Esmaeil Gharepapagh*, Neda Gilani, Nardin Mirfakharei, Farzad Farajbakhsh Mamaghani, Shahram Dabiri Oskuei	Pharmaceutical Sciences	2022	ISI
18	Use of 99mTc-DTPA Scintigraphy in Evaluation of Ureteral Laceration Due to Transurethral Lithotripsy in a Patient with Nephrolithiasis	Esmaeil Gharepapagh, **Ashraf Fakhari*,** Afshar Zomorrodi, Shahram Dabiri Oskuei	World Journal of Nuclear Medicine	2022	ISI
19	Clot Burden As a Predictor of Chronic Thromboembolic Pulmonary Hypertension After Acute Pulmonary Embolism: A Cohort Study	Esmaeil Gharepapagh, Fatemeh Rahimi, Ata Koohi, Hooman Bakhshandeh, Seyed Ali Mousavi-Aghdas, Parham Sadeghipoor, **Ashraf Fakhari,** Mehrad Amirnia, Reza Javadrashid2 , Farid Rashidi	Thorac Res Pract	2023	ISI
20	بررسی میزان تطابق تست D-dimer واسکن پرفیوژن-نتیالسیون ریه در بیماران مشکوک به آمبولی ریوی	مهکامه نصیریان، اسماعیل قره پاپاق، اشرف فخاری، محمدرضا غفاری، ندا گیالني	Iran South Med J	2023	
21	Pectin/gelatin-based bionanocomposite containing modified graphene quantum dots and carnauba wax as functional fillers for food packaging applications	Negin Hejabi, **Ashraf Fakhari**, Mehri Haeili, Zahra Ghasempour	Food scince	2024	ISI

22	Synthesis, MTT assay, 99m-Technetium radiolabeling, biodistribution evaluation of radiotracer and in vitro magnetic resonance imaging study of P,N-doped graphene quantum dots as a new multipurpose imaging nano-agent	Morteza Mollazadeh, **Ashraf Fakhari***, Tohid Mortezazadeh, Farshid Babapour Mofrad and Ali Jamali Nazarie	Radiochim. Acta	2024	ISI
23	Investigating the application of graphene quantum dots doped with heteroatoms as a contrast agent in magnetic resonance imaging system	Morteza Mollazadeh, Farshid Babapour Mofrad, **Ashraf Fakhari**, Ali Jamali Nazari, Tohid Mortazazadeh	Medical Science Journal of Islamic Azad University	2024	
24	Can Scintimammography Help Differentiate the Nature of Suspected Masses Identified in Breast Ultrasound among Young Patients?	Esmaeil Gharepapagh, Neda Akhoundi, Ashraf Fakhari, Batool Seifi, Sonia Sedghian, Mahnaz Ranjkesh, Tohid Sarfaraz, Alireza Siami, Iman Yazdani Nia	World J Nuclear Med	2025	ISI
25	The effects of radiosynovectomy on palliation of arthritis by beta emitting 188/186-rhenium radiopharmaceuticals: a systematic review	Alireza Khabbazi, **Ashraf Fakhari***, Babak Mahmoudian, Zeinab Javadivala, Shahram Dabiri Oskuei	Clinical and Translational Imaging	2025	ISI

Research projects:

N	Title	Details
	Synthesis, production, biodistribution and dosimetry study of 99mTc-(N-GQDs) in order to facilitate miserable 99mTc-	کد رهگیری ۶۳۸۷۷

	Radiolabeling process	
	Evaluation of correlation of D-dimer test and lung perfusion-ventilation scan in patients suspected to pulmonary embolism referred to nuclear medicine center	کد رهگیری ۶۱۹۷۷
	Scintigraphic evaluation of reported suspicious masses (BIRADS 3.4,5) in mamoghraphy by 99mTc-MIBI and compration with biopsy results.	کد رهگیری ۵۹۴۹۵
	Evaluating the association of acute pulmonary embolism CT index with probability of chronic pulmonary embolism through lung scintigraphy (V/Q Scan).	کد رهگیری ۵۹۴۳۲
	Scintigraphic study of rabbit kidneys after induced complete obstruction in renal artery	کد رهگیری ۵۸۸۸۸
	Evaluating of vesicoureterl reflux incidence in refered patients to N.M center	کد رهگیری ۵۸۸۴۸
	Evaluation of pulmonary emboli incidence probability in refered patients to N.M center.	کد رهگیری ۵۸۸۴۶
	Evaluation of 99mTc-GHA and 99mTc-DMSA scan’s findings in diagnosis of renal cortical scars in suffering UTI patients	کد رهگیری ۵۸۷۶۵
	Evaluation of efficacy of treatment with Ac-225 DOTATATE as an alpha emitter radiopharmaceutical in patients with neuroendocrine malignancies	کد رهگیری ۷۶۷۲۱
	Evaluation of the Ac-225 PSMA radiopharmaceutical in patients with prostate cancer and its metastases	کد رهگیری ۷۶۶۷۵
	Psychometric analysis of General self-efficacy in the Use of Artificial Intelligence (GSE-6AI) Scale and its Relationship with the Academic and Demographic Characteristics of Medical Students	کد رهگیری ۷۴۴۰۴
	Design and manufacture of composite packaging film based on pectin/gelatin/carnauba wax containing nanoparticles of graphene quantum dots modified with nitrogen in order to extend the shelf life of cucumber	کد رهگیری ۷۱۲۸۳
	Evaluation of cytotoxicity of graphene nano quantum dots and their in vitro antifungal activity on Candida albicans and Candida glabrata	کد رهگیری ۶۶۹۷۴
	Evaluation of the physicochemical properties of graphene nano quantum dots and their in vitro antibacterial effects on Pseudomonas aeruginosa and Staphylococcus aureus	کد رهگیری ۶۶۹۶۴
	Synthesis of N,P-doped gheraphene quantum dots derivative for investigation and labeling with technetium-99m radioisotope as new nanomaterials in scintigraphy and magnetic resonance imaging	کد رهگیری ۷۱۴۸۵
	A Systematic Review on the Effects of Radiosynovectomy by beta emitting 188/186-Rhenium Radiopharmaceuticals on	کد رهگیری ۷۲۸۸۲

	Arthritis	
	Synthesis, production, biodistribution and dosimetry study of 99mTc-(N-GQDs) in order to facilitate miserable 99mTc-Radiolabeling process	٦٣٨٧٧ کد رهگیری

Positions held: (past- current)

Start and End Date	Job Title, Responsibilities and achievements

Association Memberships (past and current)

Start and End Date	Job Title, Responsibilities and achievements
From 2016-01-13	Assistant professor In Tabriz University of Medical Sciences, Faculty of medicine, Nuclear Medicine

Awards and Recognitions

Start and End Date	Details
2014	Ranked second in board examination of radiopharmacy
1402.10.04	فناور برگزیده دانشگاه