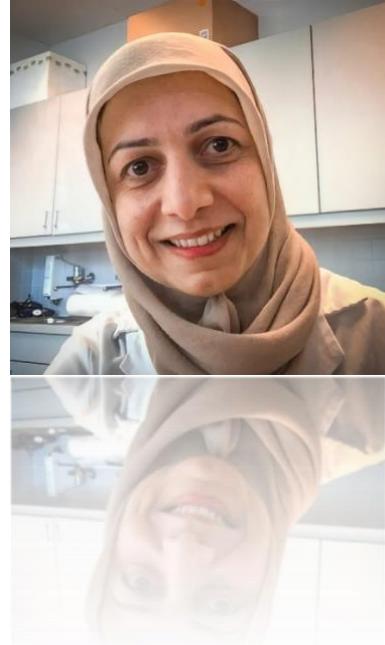


►Dr. Nejabat Marzieh MD, PhD, Msc

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Objectives

I am a Nuclear Medicine specialist with an active clinical, teaching and research profile. I am committed to hybrid imaging (PET/CT, PET/MRI) and the clinical development of nuclear medicine therapies. I aim to contribute to patient care, lead and participate in clinical research—particularly in hepat-oncology and liver disease—and to supervise and teach residents and medical students.

Current positions and clinical responsibilities

- ❖ May 2024 -now: Senior specialist (Oberarzt) and deputy head of the thyroid outpatient clinic at the Clinical Department of Nuclear Medicine disease, Allgemeines Krankenhaus Vienna (AKH), medical University of Vienna.
- ❖ January 2024-now : Specialist of nuclear medicine at AKH , medical University of Vienna
- ❖ January 2022- December 2023: Specialist of nuclear medicine at Donauspital, Vienna , Austria
- ❖ January 2020-January 2021: Head of nuclear medicine department at diagnostic centre Frühwald in St.Pölten , Austria.
- ❖ April 2019-Dec 2019: Specialist of nuclear medicine and researcher of molecular imaging at medical university of Vienna, Vienna, Austria
- ❖ General Physician of dormitory in Naragh Azad University 2009-2010
- ❖ Part time lecturer in Azad University of Iran from 2009-2010
- ❖ General Physician (GP) in Boarding Clinic of Zarghan (one village near Shiraz City) 2006-2008
- ❖ General Physician in boarding clinic in Qom city between 2007 -2008

Teaching

- ❖ Teaching medical students of general medicine in endocrinology block , diagnostic rounds of nuclear medicine and theranostics.
- ❖ Teaching residents of nuclear medicine and PhD students of Oncology as journal club and thesis seminar since January 2024.

Peer Review and Editorial Activities

- ❖ Invited Reviewer, EJNMMI Research (Springer Nature)
- ❖ Invited Reviewer, Frontiers in Oncology (Frontiers Media SA)

Educational Background

- ❖ March 2014-2019: Resident of radiology and Nuclear Medicine at Medical University of Vienna, Austria
- ❖ May 2013: Registered as Medical doctor on Medical association of Austria after finishing evaluation Medical diploma.
- ❖ Jan.2011-2019: PhD of" Malignant disease" (Oncology), division of liver cancer, Internal Medicine department II, Medical University of Vienna, Austria (*Paper based defence with Thesis title: Development of Mechanism-Based Markers to Predict Non-Genotoxic Hepatocarcinogens in Early Drug Development*)
- ❖ Jan.2011- 2017: Master-ship of" medical Toxicology" at Medical university of Vienna
- ❖ 1998-2006: Diploma study of Medicine, school of Medicine, Fatemeh University of Medical science (*Medical graduate thesis project: Effect of sub coetaneous irrigation in caesarean sections on post-operative wound infection*)in Shiraz university of medical science.
- ❖ Sep 1993-1997: High school diploma obtained from Shahed high school, in Qom, Iran

Additional Education

- ❖ Certificate for Basic training to become a radiation protection officer or a person entrusted with further radiation protection with regard to the handling of radioactive substances (Validated/accepted by Austrian ministry of health); Sibersdorf laboratories, 2-4.12.2019
- ❖ Certificate for Advance education regrading nuclear medicine diagnostic & therapy, held by Association of Medical Radiation Protection in Austria, 13-14.03.2015
- ❖ Basis and advance certificate for working with IMPAX held by GE 6.2014, AKH, Austria
- ❖ Certificate for basic and advanced animal studies in field of nuclear medicine and working with micro SPECT, μ PET/CT, summer school , medical University of Charite , Berlin, 2015

Membership in Scientific Society

- ❖ Member of European society of hybrid imaging since 2017
- ❖ Member Austrian medical chamber since 10.07.2014 (No: 67825-00)

- ❖ Member of Iranian medical chamber since 2007 (No: 101248)

Research experiences

- ❖ Project manager and researcher at department of radiology and molecular imaging at medical university of Vienna since and christian-doppler institute 2014-2018
- ❖ Assistant researcher and project manager in Gastroenterology and Hepatology research Centre (GEHRC) in Shiraz University of Medical Science in Iran, 2003-2005
 - ❖ Project manager in: " prevalence of Hepatitis B & C in Fars Province, Iran".
 - ❖ Project manager in "phenotypes of Hepatitis B & C in Iran"
 - ❖ Project manager in: " correlation of Celiac and osteoporosis"
 - ❖ Project manager in: " prevalence of Upper & lower gastroenterology symptoms in apparently healthy population of Fars province

Laboratory skills

- ❖ Molecular and cell biological: ELISA, Western blot, PCR (revers PCR & real time PCR) RNA isolation, , viability assays (Neutral Red). TACE activity assay, Immun-histo chemical staining with Formalin/Canoy –fixed tissues.
- ❖ Animal lab working: Working in SPF animal labs, Animal imaging with SPECT/CT and mini PET/CT ,Managing projects with rodent (rat & mouse) such as liver perfusion, Intra venous/dermal/Intra peritoneal injection,
- ❖ Cell culturing : capable to do whole process of Purification of liver cells of Rat and mice into Hepatocytes, Kuppfer cells and Endothelial cells, Primary cell culture with different cell lines(Cancer cell lines, blood cell lines, etc.)

Honours

- ❖ Prize for outstanding scientific achievements of year in department of radiology and nuclear medicine department . June 2018.
- ❖ Prize for Best short-communication (oral presentation) at Joint Scientific Symposium of the Austrian Societies of Toxicology (ASTOX), Pharmacy (ÖPhG), Analytic Chemistry (ASAC), and Forensic Medicine (ÖGGM), and the Comprehensive Cancer Centre Vienna (CCC), Vienna, March 21st/22nd, 2013
- ❖ Prize for young researcher and presenter in Seoul International Digestive Disease Symposium, Seoul, Korea, November 2008.

Scholarships

- ❖ Performance scholarship of the European Union funded projects (for my PhD Project)

Publications

- ❖ Behnam-Manesh, H., Salimi, B., Doroudinia, A., **Nejabat, M.**, Karam, M. B., Mehrian, P., ... & Bayat, M. 68Ga DOTA FAPI-46 Versus 18F FDG PET/CT in Non-small Cell Lung Cancer: A Direct Comparative Study. Clinical Nuclear Medicine, June 2025.
- ❖ Hossein Behnam-Manesh, MD,* Abtin Doroudinia, MD,† Mohadeseh Bayat, MD, Mehrdad Bakhshayesh Karam, MD,* Babak Salimi, MD, **Marzieh Nejabat**, MD, and Payam Mehrian, MD . FAPI Uptake in Gallbladder Is It Normal Biodistribution?. Clinical Nuclear Medicine. November 2023.
- ❖ **Marzieh Nejabat**, Asha Leisser, et al. [11C]acetate PET as a tool for diagnosis of liver steatosis. J. Abdom Radiol 2018
- ❖ **Nejabat M**, Riegler T, et al. Mesenchyme-derived factors enhance preneoplastic growth by non-genotoxic carcinogens in rat liver. Arch. Toxicology 2018 Feb; 92(2): 953-966
- ❖ Leisser A, **Nejabat M**, et al. Haematopoiesis is prognostic for toxicity and survival of 223Radium treatment in patients with metastatic castration-resistant prostate cancer. Hell J Nucl Med. 2017 Sep-Dec;20 suppl:157
- ❖ Leisser A, **Nejabat M**, et al. Analysis of haematological parameters as prognostic markers for toxicity and survival Ra 223 treatment. Oncotarget 2018 Mar 5;9(22):16197-16204.
- ❖ Riegler T, **Nejabat M**, et al. Proinflammatory mesenchymal effects of the non- genotoxic hepatocarcinogen phenobarbital: a novel mechanism of antiapoptosis and tumor promotion. Carcinogenesis. 2015 Dec;36(12):1521-30
- ❖ Parzefall W, Freiler C, Lorenz O, Koudelka H, Riegler T, **Nejabat M**, Kainzbauer E, Grasl-Kraupp B, Schulte-Hermann R. Superoxide deficiency attenuates promotion of hepatocarcinogenesis by cytotoxicity in NADPH oxidase knockout mice. Arch Toxicol. 2014 Sep 3.
- ❖ Therese Böhm, Heidi Berger, **Marzieh Nejabat**, Teresa Riegler, et.al. Food-derived peroxidized fatty acids may trigger hepatic inflammation: a novel hypothesis to explain steatohepatitis. Journal of Hepatology available online 9 May. 2013
- ❖ Khademolhosseini F, Mehrabani D, **Nejabat M**, Beheshti M, Heydari S, et al. Irritable bowel syndrome in adults over 35 years in Shiraz, southern Iran: prevalence and associated factors. J Res Med Sci. 2011 Feb;16(2):200-6.
- ❖ Saberi-Firozi M, Omrani GR, **Nejabat M**, Mehrabani D, Khademolhosseini F. Prevalence of celiac disease in Shiraz, southern Iran. Saudi J Gastroenterol. 2008 Jul; 14(3):135-8.
- ❖ Saberi-Firozi M, **Nejabat M**. Helicobacter Pylori Treatment regimens in Iran (Review Article) M, IJMS (Iranian Journal of Medical Science) 2007 Sep;54:43-48

Presentations

- ❖ 68Ga-FAPI PET/MRI in Primary Sclerosing Cholangitis (PSC). Marzieh Nejabat, Emine Halilbasic, ,Ahmed Ba Salamat, Sazan Rasul, Behrang Mozayani, Cécile Philippe, Thomas Nakuzi, Raffaella Calabretta I, Sarah Poetter-Lang3, Michael Traunner ,Marcus Hacker I, 4-8 October 2025 , Barcelona, Spain.
- ❖ Role of PET/MRI in diagnosis and prognosis of hepatocellular carcinoma using two metabolic tracers: [¹⁸F]-FDG and [¹⁸F]-FEC. Marzieh Nejabat, MD, Theresa Servus MD, Ahmed Ba Ssalah MD, Lucian Beer MD, Georgios Karanikas MD, Marcus Hacker MD, Sazan Rasul MD. 37. Annual congress of European association of nuclear medicine , Oct 2024 ,Hamburg , Germany
- ❖ A prospective pilot analysis of correlation of F-18 FDG PET/CT radiomics with tumor mutations from cell free DNA in lung cancer patients. Marzieh Nejabat. Asha Leisser .

Laszlo Papp et al. (oral lecture). 60. Jahrestagung der Deutschen Gesellschaft für Nuklearmedizin. Leipzig 2022

- ❖ Haug A,Leisser A, Nejabat M, et al. Using pre-existing hematotoxicity as predictor for severe side effects and number of treatment cycles of Xofigo therapy
- ❖ M. Nejabat, A. Leisser, G. Karanikas, M. Mayerhöfer, W. Wadsak, M. MitterhauserM. Hacker, A. Haug. [^{11C}]acetat PET for diagnosis of non-alcoholic fatty liver disease. SNNM 2015 USA Baltimore June 2015 (oral presentation)
- ❖ M. Nejabat, A. Leisser, G. Karanikas, M. Mayerhöfer, M. Hacker, A. Haug. Liver [^{11C}]acetat uptake is increased in patients with non-alcoholic fatty liver disease. DGN 2015 Hannover (Poster)
- ❖ Therese Böhm, Teresa Rieger, Heidi Berger, MarziehNejabat, Florian Kellner, Mario Kuttke, Sandra Sagmeister, Klaus Stolze, Rolf Schulte-Hermann, Nataliya Rohr-Udilova, Wolfgang Huber, Bettina Grasl-Kraupp. Peroxierte Fettsäuren in Der Nahrung: Beteiligt an der Bildung einer Fettleberhepatitis? GOECH/ASTOX Seminar 23-25. April 2014 Vienna (Poster)
- ❖ Nejabat M., Rieger, T., Schulte-Hermann R., Huber W. W. and Grasl-Kraupp B. Development of mechanism-based markers to predict non-genotoxic hepatocarcinogens in early drug development. Joint Scientific Symposium of the Austrian Societies of Toxicology (ASTOX), Pharmacy (ÖPhG), Analytic Chemistry (ASAC), and Forensic Medicine (ÖGGM), and the Comprehensive Cancer Centre Vienna (CCC) ,Vienna, March 21st/22nd, 2013 (Oral Presentation)
- ❖ Rieger T.,Nejabat M., Kellner F., Schulte-Hermann R., Huber W. W. and Grasl- Kraupp B.The mesenchymal – parenchymal interactions are critical for tumour promotion by phenobarbital. Joint Scientific Symposium of the Austrian Societies of Toxicology (ASTOX), Pharmacy (ÖPhG), Analytic Chemistry (ASAC), and Forensic Medicine (ÖGGM), and the Comprehensive Cancer Centre Vienna (CCC) ,Vienna, March 21st/22nd, 2013 (Poster)
- ❖ Kellner F., Rieger T., Nejabat M., Schulte-Hermann R., Huber W. W. and Grasl- Kraupp B.Adaptive Responses of Preneoplastic Hepatocytes: Essential for Tumour Promotion by Non-Genotoxic Hepatocarcinogens?Joint Scientific Symposium of the Austrian Societies of Toxicology (ASTOX), Pharmacy (ÖPhG), Analytic Chemistry (ASAC), and Forensic Medicine (ÖGGM), and the Comprehensive Cancer Centre Vienna (CCC) ,Vienna, March 21st/22nd, 2013 (Poster)
- ❖ M. Saberi-Firoozi, M. Nejabat. Experiences with Helicobacter pylori treatment in Iran.Seoul International Digestive Disease Symposium 2008, Seoul, Korea, November 20-22. (Presentation)
- ❖ M. Saberi-Firoozi, M. Nejabat, Gh. Omrani, D. Mehrabani, F. Khademolhosseini. "Prevalence of celiac disease in Shiraz, southern Iran". Seoul International Digestive Disease Symposium 2008, Seoul, Korea, November 20-22(Poster)
- ❖ Saberi-Firoozi M, Nejabat M, Serati A, Ardebili M, BagheriLankarani K, Amirzadeh S, Heidari T. "The correlation of positive Anti tissue Tran's glutaminase (TTG) and Anti Gliadin Anti bodies (AGA) with bone densitometry in healthy population in Shiraz, Iran. Osteoporosis International Journal Vol 17, Supp 2, 2-6 June 2006, Toronto, Canada(Poster)
- ❖ Mehdi Saberi-Firoozi;MD, MarziehNejabat;MD, Maryam Ardebili;MD, Alirezaserati, Leila Kazemi, Mahmood Beheshti, S TaghiHeydari, Saeed Amirizadeh-Maryam Nejabat. Gastroenterohepatology Research Centre, Shiraz University of Medical Sciences, Shiraz I.R.Iran"Comparison of HBV infection in school children with and without involvement

inmass HBV vaccination program in Shiraz city and rural areas."6th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2006, Tehran, Iran.(Poster)

- ❖ Mehdi Saberi-Firooz, MD; Maryam Ardebili, MD; Mahmood Beheshti, MD; Alireza Serati, MD; Saeed Amirizadeh; Marzieh Nejabat MD; Maryam Nejabat" The results of C13 UBT for Helicobacter Pylori (HP) eradication in different regimens used in daily clinical practice; Shiraz center experiences " 6th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2006, Tehran, Iran.(Poster)
- ❖ Mehdi- Saberi-Firooz, Mahmood – Beheshti, Marzieh – Nejabat, Ali Reza Mirahmadi. "Reflux Symptoms as the most common GI symptoms in our community". Journal of Gastroenterology and Hepatology 2005 20. 5th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2005, Tehran, Iran.(Poster)
- ❖ Saberi-Firooz, M; Mosallaei, M ; Nejabat, M; Beheshti, M; Ghaedian , T; Saki, N; Monavrian." Epidemiological survey of inflammatory bowel disease (IBD) and colorectal tumours (CRT) according to the colonoscopy findings between 27 März 2018 1994& 2004 in the Fars Province." 5th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2005, Tehran, Iran.(Poster)
- ❖ Mehdi Saberi-Firooz, Khademolhoseini F, Nejabat M, Beheshti M , Mirahmadi M, Ardebili M , Heydari ST, Amirizadeh S, Zare N," Prevalence of the Lower Gastrointestinal symptoms in the Apparently Healthy Population in Shiraz City in southern of I.R. Iran". 5th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2005, Tehran, Iran.(Poster)
- ❖ 16. Mehdi Saberi-Firooz, MD, Khademolhoseini F, Nejabat M, Beheshti M , Mirahmadi M , Ardebili M , Heydari ST, Amirizadeh S, Zare N, Salhi M . Prevalence of the Upper Gastrointestinal symptoms in Apparently Healthy Population in Shiraz City in southern of I.R. Iran. 5th Iranian International Congress of Gastroenterology & Hepatology, Dec 5-7, 2005, Tehran, Iran.(Poster)

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