

In The Name Of Allah

Curriculum Vitae (Jun 2017)

Dr. Saleh Salehi Zahabi



Assistant Professor of Medical Physics
Faculty of Paramedical Science,
Kermanshah University of Medical Sciences,
Kermanshah, Iran.

Personal Information

First name	Saleh
Last Name	Salehi Zahabi
Date of Birth	07 Sept 1988
Gender	Male
Place of Birth	Kermanshah, Iran
Nationality	Iranian
Marital Status	Married



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Education

2012-2017 (Ph.D)	Tarbiat Modares University, Tehran, Iran. Ph.D in Medical Physics Supervised by: Dr. Hossein Rajabi
2010-2012 (M.Sc)	Tarbiat Modares University, Tehran, Iran. M.Sc. in Medical Physics Supervised by: Dr. Hossein Rajabi
2008-2010 (B.Sc)	Kermanshah University of Medical Sciences, Kermanshah, Iran. B.Sc. in Radiology Technology
2006- 2008	Kermanshah University of Medical Sciences, Kermanshah, Iran. A.D in Nuclear Medicine Technology

Research Interest

- Synthesis of Novel nanoparticle and radiopharmaceutical in nuclear medicine for PET and SPECT Imaging.
- New contrast agent in Hybrid Imaging.
- Molecular and cellular imaging.
- Clinical imaging (MRI, CT, PET, SPECT and ultrasound Technique etc)
- Quality Control in Imaging System.
- Radiobiology and biological dosimetry in medical Science.
- Radiation Protection in Diagnostic Imaging

Award and Honors

- **1st** rank graduated at high school out of all Students.
- Select as the **Top and Talent Student** in the Medical Students, Kermanshah University of Medical Sciences, 2010.
- **1st** rank graduated in B.Sc. Degree at Kermanshah University of Medical Sciences.
- Winner of the **best Oral presentation prize** in 4th paramedical student congress, Tehran, Iran, 2010.
- Winner of the **best graduated student prize** in Kermanshah university of Medical sciences Kermanshah, Iran, 2010.
- Winner of the **best Poster presentation prize** in 5th paramedical student congress, Tehran, Iran, 2011.
- Winner of the **best Poster presentation prize** in 9th Nursing and Midwifery student Seminar congress, Isfahan, Iran, 2011.
- Winner of the **best Oral presentation prize** in 6th paramedical student congress, Tehran, Iran, 2012.
- Winner of the **best oral presentation prize** in National Congress of Emergency Surgery, Babol, Iran, 2012.
- Winner of the **best and Top Patent in Medical Field prize** in Zagros Patent Festival of National Elites Foundation, Iran, 2013.
- Winner of the **best Rapid oral presentation prize** in International Congress of GI Cancer, Tehran, Iran, 2016.
- Winner of the **best oral presentation prize** in Match of Present the thesis in 3 minute, Tehran, Iran, 2016.
- **1st** rank in the nationwide university entrance exam for Ph.D. degree.
- **Member of National Elites Foundation** (Inventor).

Publications

- **Salehi Zahabi S** ,M Mehrbakhsh, M R Tavhidnia, F Darabi, M Fakhri. Finding of brain CT scan in traumatic patient that referred to Ayatollah Taleghani Hospital of Kermanshah 2009, Paramedical – The Scientific and Research Quarterly Vol1 , No1 , Spring 2010.
- Rasaneh S, **Salehi Zahabi S**. Synthesis, Modification and Radiolabeling of Chitosan particles and its' diagnostic using in nuclear medicine imaging of Lung. J Clin Res Paramed Sci 2015; 4(2):10-17.
- Rasaneh S, **Salehi Zahabi S**. The effect of chitosan nanoparticles containing paclitaxel on destruction of breast cancer cells. J Clin Res Paramed Sci 2016; 4(4):311-317.
- **Salehi Zahabi S**, Hossein Rajabi , Samira Rasaneh. Synthesis and biological evaluation of ^{99m}Tc -chitosan nanoparticles as a potential radiopharmaceutical for liver imaging. Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry, DOI: 10.1080/15533174.2015.1137010
- **Salehi Zahabi S**, Rasaneh S. Biodistribution evaluation of Chitosan nanoparticle and microparticle labeled with ^{99m}Tc for use in Nuclear Medicine Imaging. J Clin Res Paramed Sci 2017(Accepted)

Books

- **S Salehi Zahabi " Nuclear medicine physics and Instrumentation"**
Published by Noore-Danesh Publication, Tehran, Iran, 2016
- V. Dehlaghi, **S Salehi Zahabi**, M.T.Aivazi, "Ultrasound Physics and Technology" Published by Kermanshah University of Medical Sciences Publication, Kermanshah, Iran, 2011.
- **S Salehi Zahabi**, A. Rostamzade, "**Radiology and ultrasound for Obstetrics**" Published by Royanpazhoh Publication, Tehran, Iran, 2013.
- **S Salehi Zahabi**, A. Rostamzade, "**MRI from Physics to Diagnosis** " Noor-e-Danesh, Tehran, Iran, 2014.
- **S Salehi Zahabi**, A. Rostamzade, F. Naalaini, "**cellular and Molecular imaging with cell therapy approach**" Published by Noore-Danesh Publication, Tehran, Iran, 2014.

Patents

- **S Salehi Zahabi**, H Rajabi, S Rasaneh, "Synthesis and Formulation of nanoparticle sizes to increase the stability and radiolabeling efficiency of the chitosan nanoparticles with technetium(^{99m}Tc) radiopharmaceutical for increase localization in liver , Registration Number: 79157, Registration Date: April 14, 2013.
- **S Salehi Zahabi**, N Haidarnezhad, Kh SalehiZahabi, "design and construction Ergonomic negatoscope in Radiology and Operation Room ", Number: 81574, Registration Date: January 6, 2014.", Number: 81574, Registration Date: January 6, 2014.
- **S Salehi Zahabi**, N Haidarnezhad, "design and production of moveable protection shield for staff and patients radiation exposure reduction in portable radiography system", Number: 83309, Registration Date: July, 10, 2014.
- **S Salehi Zahabi**, S Rasaneh, "Synthesis and Formulation of Chitosan microparticle labeled with Technetium: New Radiopharmaceutical for Nuclear Medicine Imaging of the Lung", Registration Number: 89532, Registration Date: August 7, 2016.

Conferences

- **S Salehi zahabi**, M Mehrbakhsh. Epidemiology of Traumatic Patients Referring to Radiology Department of Ayatollah Taleghani Hospital in Kermanshah 2008. National Medical Emergency Congress, Kermanshah, 2009.
- **S Salehi Zahabi**, M Mehrbakhsh. Finding of brain CT in traumatic Patient that referred to CT scan department of Taleghani Hospital 2008. National Medical Emergency Congress, Kermanshah, 2009.
- **S Salehi Zahabi**. Artifacts in CT scan. 4th paramedical student congress, Tehran, Iran, 2010.
- **S Salehi Zahabi**. Radiopharmaceutical in Nuclear Medicine. 4th paramedical student congress, Tehran, Iran, 2010.
- **S Salehi Zahabi**, S Nori. Digital Mammography. 4th paramedical student congress, Tehran, Iran, 2010.
- **S Salehi Zahabi**. Irradiation of pregnant women: Risk of fetus health. First National Conference on Women's Role in Health System Development, Kermanshah, 2010.
- **S Salehi Zahabi**, Zh Khoshakhlagh. A Survey on the Satisfaction of Patients Referring to the Nuclear Medicine Department of Imam Reza Hospital in Kermanshah 2009. 9th Iranian Medical Physics Conference, Tehran, 2010.
- **S Salehi Zahabi**. Radiation and its effects on the fetus. 3rd National Conference on Neonatal Health and Prenatology of Iran. Zanjan, 2010.
- **S Salehi Zahabi**, Kh Salehi Zahabi. The Importance of Nurses' Awareness with Imaging Techniques. 9th Nursing and Midwifery student Seminar congress, Isfahan, Iran, 2011.
- **S Salehi Zahabi**, H Rajabi , S Rasaneh. Design of a radiopharmaceutical potential agent for liver imaging. 10th AOFNMB, Tehran , Oral, 2012
- **S Salehi Zahabi**, J Salehi Zahabi. A Legal Requirements In The Operation Of Laboratory Ray, 15th Iranian Annual Congress of Nuclear Medicine, Iran 2011.

- **S Salehi Zahabi**, M Mehrbakhsh, M R Tavhidnia, F Darabi, M Fakhri. Finding of brain CT in traumatic pediatric that referred to Ayatollah Taleghani Hospital of Kermanshah 2010. 22th International Congress of Pediatrics, Tehran, Iran. 2010.
- **S Salehi Zahabi**, H Rajabi , S Rasaneh. Hepatocyte-Targeted Imaging Using ^{99m}Tc- Chitosan nanoparticle: Preparation, characterization and biodistribution.17th Iranian and 5th International Congress of nuclear medicine. Shiraz, Iran 2013.
- **S Salehi Zahabi**, H Rajabi , S Rasaneh .Comparison of ^{99m}Tc-chitosan nanoparticle with ^{99m}Tc-Sulfur colloid and ^{99m}Tc-phytate:Biodistribution and nuclear imaging.17th Iranian and 5th International Congress of nuclear medicine. Shiraz, Iran 2013.
- **S Salehi Zahabi**, Kh Salehizahabi.Photoacoustic Imaging in breast cancer detection. 8th International Congress of breast cancer. Tehran, Iran 2012.
- **S Salehi Zahabi**, Kh Salehi zahabi.Photoacoustic imaging: New Biomedical and Hybrid Imaging Modality.9th Iranian congress of radiology. Tehran, Iran 2012.
- **S Salehi Zahabi**. Kh Salehizahabi . Conventional and Digital Radiology: risk and benefit .5th paramedical student congress, Tehran,Iran,2011.
- **S Salehi Zahabi**. High Intensity Focused Ultrasound (HIFU). 5th paramedical student congress, Tehran, Iran, 2012.
- **S Salehi Zahabi** , Kh Salehi zahabi. High Intensity Focused Ultrasound (HIFU): New Hybrid Modality in Treatment. 9th Iranian congress of radiology. Tehran, Iran 2013.
- **S Salehi Zahabi**, M Mehrbakhsh. The importance of CT scan in detecting brain lesions in trauma patients. 1st National Congress of Emergency Surgery, Babol, 2012.
- **S Salehi Zahabi**, M Mehrbakhsh. Finding of brain CT in traumatic Patient that referred to Ayatollah Taleghani Hospital of Kermanshah 2010-2011. 1st National Congress of Emergency Surgery, Babol, 2012

- **S Salehi Zahabi**, F Moradi, Sh Asgari . Radiological protection and safety for children. 9th National Conference on Child Nursing, Tehran, 2012.
- **S Salehi Zahabi**, F Salehi. Digital Radiology in Promoting Quality of Service and Health. 1st national congress on the role of improving the quality of services in the health system, Kurdistan, 2012.
- **S Salehi Zahabi**, F Moradi, Sh Asgari. PET/MRI: New Generation of Hybrid imaging Modality. 12th Iranian congress of radiology. Tehran, Iran 2014.
- **S Salehi Zahabi**, Kh Salehizahabi, M Mohamadi. CT LEASER mammography in breast cancer detection. 12th Iranian congress of radiology. Tehran, Iran 2014.
- **S Salehi Zahabi**, Kh Salehi zahabi. Application and Dosimetry of CT scan in traumatic Patient. 6th paramedical student congress, Tehran,Iran,2013.
- **S Salehi Zahabi**, Kh Salehizahabi. Targeted Radiotherapy: new method in cancer Treatment . 6th paramedical student congress, Tehran,Iran,2013.
- **S Salehi Zahabi**. Imaging modality for pregnant Woman and fetus safety. 6th paramedical student congress, Tehran, Iran, 2013.
- **S Salehi Zahabi**. Ultrasound Artifacts: Detection and Reduction. 6th paramedical student congress, Tehran, Iran, 2013.
- F Amiri, **S Salehi Zahabi**. Application of MRI in patient by headache disorder. 6th paramedical student congress, Tehran, Iran, 2013.
- **S Salehi Zahabi**. Protection and safety of patient in radiology. 1st medical student congress, Kermanshah, Iran, 2012.
- **S Salehi Zahabi**. The progress of CT scan from the beginning. 4th Iranian Congress of Oral and Maxillofacial Radiology. Isfahan, 2013.
- **S Salehi Zahabi**. Children's Protection in Radiology. 11th Iranian Neurological Congress of Iranian Children. Mazandaran 2013.

- **S Salehi Zahabi**, Rajabi H, Rasaneh S. Design of a radiopharmaceutical potential agent for liver imaging The 10th Asian Ocean Congress on Nuclear Medicine and Biology, Tehran, 2012.
- Asgari A, Rajabi h, **S Salehi Zahabi**. Assessment two motion detection method for patient motion in simulated and clinical renal dynamic imaging. International Congress of Nuclear Medicine. Tehran, 2013.
- Tajik MA, Rajabi h, **S Salehi Zahabi**. Applying interpolated projections in cardiac SPECT and its effect on lesion detectability using Hotelling Trace. 1st Middle East Medical Physics Conference, Shiraz, 2014.
- Parach AA, Rajabi H **S Salehi Zahabi**. Validation of the GATE Monte Carlo Code for internal radiation dosimetry by using the MCNP data. 1st Middle East Medical Physics Conference, Shiraz, 2014.
- **S Salehi Zahabi**, Salehi F. The role of digital radiology in improving the quality of services and health. 3th Medical Informatics Conference. Tehran, 2013.
- **S Salehi Zahabi**, Rajabi H, Rasaneh S. Hepatocyte-Targeted Imaging Using ^{99m}Tc- Chitosan nanoparticle: Preparation, characterization and biodistribution. 5th International Congress of Nuclear Medicine. Shiraz, 2014.
- **S Salehi Zahabi**, Rajabi H, Rasaneh S. Comparison of ^{99m}Tc-chitosan nanoparticle with ^{99m}Tc-Sulfur colloid and ^{99m}Tc-phytate: Biodistribution and nuclear imaging. 5th International Congress of Nuclear Medicine. Shiraz, 2014.
- Asgari A, Rajabi h, **S Salehi Zahabi**. Evaluation of neutron spectrum in PET Cyclotron. 5th International Congress of Nuclear Medicine. Shiraz, 2014.
- **S Salehi Zahabi**, Salehi S. Nursing acquaintance with imaging methods and radiation hazards. 11th Iranian Neurological Congress of Iranian Children. Mazandaran 2013.
- **S Salehi Zahabi**, Kh Salehi zahabi. New ICRP recommendations: Review. 11th Iranian congress of radiology. Tehran, Iran 2013.
- **S Salehi Zahabi**, Kh Salehi zahabi. Photoacoustic imaging: New Biomedical and Hybrid Imaging Modality. 11th Iranian congress of radiology. Tehran, Iran 2013.

- **S Salehi Zahabi, Kh Salehi zahabi.** The role of imaging modalities in Breast Cancer.5th national Congress of breast cancer. Tehran, Iran 2012.
- **S Salehi Zahabi, KhSalehizahabi.** The role of imaging modalities in detection and staging of Breast Cancer.5th national Congress of breast cancer. Tehran, Iran 2012.
- **S Salehi Zahabi.** Targeted Radiotherapy in Breast Cancer. National Congress of new finding in breast cancer. Tehran, Iran 2013.
- **S Salehi Zahabi.** Kh Salehi zahabi. Application of new and Hybrid Imaging modalities in detection and staging of Breast Cancer. Tehran, Iran 2013.
- **S Salehi Zahabi, Rajabi H, Rasaneh S.** Radiolabeling of chitosan nanoparticles with technetium: new radiopharmaceutical for liver imaging in nuclear medicine. First National Conference on Nanosciences and Technology, Tehran, 2014.
- **S Salehi Zahabi.** Position of nuclear medicine in breast cancer. 8th International Congress of breast cancer. Tehran, Iran 2012.
- **S Salehi Zahabi.** Digital mammography versus conventional mammography: Physical Principles and System Overview. 8th International Congress of breast cancer. Tehran, Iran 2012.
- **S Salehi Zahabi.** Ultrasound Breast Imaging: new Techniques and new applications. 9th International Congress of breast cancer Tehran, Iran 2014.
- **S Salehi Zahabi.** Molecular imaging in Breast cancer.9th International Congress of breast cancer. Tehran, Iran 2014.
- **S Salehi Zahabi.**Recent Application of LASER in neurosurgery. 11th national Congress of neurosurgery. Isfahan, Iran 2013.
- **S Salehi Zahabi.** Magnetic Resonance Imaging–guided High Intensity Focused Ultrasound (MRIgHIFU): Noninvasive Multimodality for Neurosurgery.national Congress of neurosurgery. Isfahan, Iran 2013.
- **S Salehi Zahabi.** Brain Perfusion CT: physical-technical principle and application in stroke.International Congress of Stroke. Tabriz, Iran 2013.

- **S Salehi Zahabi.** Recent Updates in Stroke Imaging. International Congress of Stroke. Tabriz, Iran 2013.
- **S Salehi Zahabi.** Breast Cancer Screening with Imaging.5th Congress of women cancer. Tehran, Iran 2014.
- **S Salehi Zahabi.** Imaging modalities in Gynecologic cancer. 5th Congress of women cancer. Tehran, Iran 2014.
- **S Salehi Zahabi, KhSalehizahabi.** Breast Ultrasound Elastography: Principles and techniques.6th national Congress of breast cancer. Tehran, Iran 2013.
- **S Salehi Zahabi.** K Ahmadi. Neuroimaging in the evaluation of epilepsy. International Congress of pediatric neurosurgery. Mashhad, Iran 2013.
- **S Salehi Zahabi.** K Ahmadi. Photoacoustic and optical imaging: physical principle and application in epilepsy. International Congress of pediatric neurosurgery. Mashhad, Iran 2013.
- **S Salehi Zahabi.** Advances in imaging techniques in female reproductive system study.10th International Congress of women Diseases. Tehran, Iran 2014.
- **S Salehi Zahabi.** The role of imaging modality on reduce exposure to pregnant. 10th International Congress of women Diseases. Tehran, Iran 2014.
- **S Salehi Zahabi, Salehi F.** The Role of Nuclear medicine imaging in Epilepsy. 11th International Congress of Epilepsy. Tehran, Iran 2014.
- **S Salehi Zahabi, Salehi F.** Functional and new Imaging modality in epilepsy. 11th International Congress of Epilepsy. Tehran, Iran 2014.
- **S Salehi Zahabi, Mehrbakhsh m, Amirifard N.** Imaging modalities assessment for gynecologic malignancies. 25th annual congress of the Iranian Cancer Institute. Tehran, 2014.

- **S Salehi Zahabi**, Mehrbakhsh m, Amirifard N. The role of Photoacoustic imaging in Cancer detection. 25th annual congress of the Iranian Cancer Institute. Tehran, 2014.
- **S Salehi Zahabi**, Mehrbakhsh m, Amirifard N. Physical principle, Current and future applications of high intensity focused ultrasound in oncology. 25th annual congress of the Iranian Cancer Institute. Tehran, 2014.
- **S Salehi Zahabi**, Kh Salehi Zahabi, N Haidarnezhad. Patient and Staff Radiation exposure in Routine portable radiographs in the medical Intensive Care Unit. The 2nd International Health Care Congress. Tehran, 2014.
- **K Ahmadi, S Salehi Zahabi**. Radiological examination of ethylene glycol induced renal stones in rats. 18th Iranian Urology Congress, Tehran 2015.
- **S Salehi Zahabi**, Salehi F. Positron Emission Tomography Imaging in Multiple Sclerosis. Iranian congress of Multiple Sclerosis. Tehran, 2016.
- **S Salehi Zahabi**, Rajabi H, Rasaneh S. Radioembolization Dosimetry: New approach and future directions. 19th Iranian Congress of Nuclear Medicine. Hamedan, 2017.
- **S Salehi Zahabi**, Rajabi H, Rasaneh S. Application of MRI in Radioembolization Imaging and Dosimetry. 19th Iranian Congress of Nuclear Medicine. Hamedan, 2017.

Workshop

- "Training workshop of Nuclear medicine technologist", Shahid Beheshti University of medical science, Tehran, Iran, 2011.
- "Fundamental and Clinical application of PET/CT", Shahid Beheshti University of medical science, Tehran, Iran, 2011.
- "National workshop of ISI and ISC ", Razi University, Kermanshah, Iran, 2011.
- "Preparation and Poster presentation in Congress ", Kermanshah University of medical science, Kermanshah, Iran, 2010.
- "Online Submission", Kermanshah University of medical science, Kermanshah, Iran, 2010.
- "Advanced medical research", Kermanshah University of medical science, Kermanshah, Iran, 2010.
- "Research methodology in medical Science", Kermanshah University of medical science, Kermanshah, Iran, 2009.
- "End note training workshop ", Kermanshah University of medical science, Kermanshah, Iran, 2009.
- "Health Safety Environment-HSE", Tarbiat Modares University, Tehran, Iran, 2012.
- "Iran-Korea Nanotechnology Workshop", Tarbiat Modares University, Tehran, Iran, 2012.
- "1st National Workshop on Nanoscience and Nanotechnology" Patent Workshop, Tarbiat Modares University, Tehran, 2013
- "International Workshop on Advances in Radiotherapy Physics and Technology ", Shiraz University of medical science, Shiraz, Iran,2013.
- "How setup clinical research by new radiopharmaceutical?" Shahid Beheshti University of medical science and Iranian radiation protection society, Tehran, Iran,2013.

- "Neutron dosimetry by passive method", Iranian radiation protection society, Tehran, Iran, 2014.
- "Neurosonography in Stroke", Tabriz University of medical science, Tabriz, Iran, 2014.
- "Imaging in Acute Stroke", Tabriz University of medical science, Tabriz, Iran, 2014.
- "Basic Familiarity with Monte Carlo Method-MCNP" Tehran University, Tehran, Iran, 2014.

Executive

- Member of Iranian National Elite Foundation
- Chairman of Kermanshah student Committee of Iranian radiology science, 2011.
- Member of the Scientific Committee of the National Congress of Intensive Care, Kermanshah, Iran, 2012.
- Member of the Executive Committee of the National Conference on Emergency Medicine, Kermanshah, Iran, 2012.
- Member of the Scientific Chairman in 3th Medical Students Conference. Illam, Iran, 2013.
- Member of scientific committee of Kermanshah medical student Conference, Kermanshah, Iran, 2013.
- Member of Student Research Committee of Tarbiat Modares University, Tehran, Iran, 2013.
- Member of the Executive Committee of the 6th National Conference on Paramedical Students, Tehran, Iran, 2013.

Teaching

- Lecturer in Radiology and nuclear medicine Department of Kermanshah University of medical science. 2010-2018.
- Lecturer in Radiology Department, Aja University of medical science, Tehran, Iran.2012-2014.
- Lecturer in Medical engineering Department, Azad University of medical science. 2013-2014.
- Lecturer in Medical engineering Department, Payam-noor university of Tehran, 2014.

Technical Skills

- Skilled in Radiology, MRI, CT scan Techniques.
- Skilled in nuclear medicine Techniques by SPECT.
- `Proficient in medical imaging Department Management.
- Familiar with MATLAB
- Skilled in Microsoft Office

Membership

- Membership of Iranian Medical Physics Society.
- Membership of Iranian Radiology Society.
- Membership of Iranian Radiation protection Society.

References

- Dr. Hossein Rajabi (Associate Professor), Tarbiat Modares University.

