



# Hanieh Mobarak Salari

*Quantitative MR Imaging and Spectroscopy Group (QMISG),  
Research Laboratory Manager;  
KIO medical, Chief Management Officer*

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## Profile

A young radio-technologist with about five years' experience in research team management and start up development. My principal experience is in research team management for MR biomarker development, particularly in dementia, epilepsy, multiple sclerosis, brain tumors, prostate cancer, breast cancer, liver diseases, ovarian masses, and adnexal masses. I am interested in problem solving, teamwork and innovation. My professional goal is improving and management of startups for developing diagnostic tools and solutions in the field of medical imaging.







## Educations and Courses

- 2022 **Scaling Product and Processes** *Coursera*
- 2022 **Why Scale a Startup?** *Coursera*
- 2022 **Agile Scrum** *Vice presidency for Science and Technology / Iran*
- 2019 **Advanced neuro-imaging** *Tehran University of Medical Sciences, QMISG / Iran*
- 2018 **online course on Entrepreneurship in healthcare** *Tehran Virtual University of Medical Science / Iran*
- 2017 **MRI hands on course** *National Brain Mapping Laboratory / Iran*
- 2016 **Intermediate MRI physics and technique** *Tehran University of Medical Science, QMISG / Iran*
- 2016 **Basic MRI physics and technique** *Tehran University of Medical Science, QMISG / Iran*
- 2015 **Article writing and research methodology** *Lorestan University of Medical Science / Iran*
- 2013-2017 **Bachelor's degree in Radiology** *Lorestan University of Medical Science / Iran*

## Researches

- Diffusion Tensor Images (DTI) Quantification in Epileptic Patients *Tehran University of Medical Science*



- Generation of Image-Based Neuro radiological Evidences for Differential Diagnosis of Patients with Amnestic Mild Cognitive Impairment from Sporadic Alzheimer's Disease Employing Multiparametric MRI (PWI/DTI/T1-w); a Baseline Study *Cognitive Sciences & Technologies Council*
- Diagnosis of Mild Cognitive Impairment Patients Using ASL Perfusion MRI *Zanjan University of Medical Science* 
- Radio-genomic Analysis of low-grade Diffuse Gliomas Using Artificial Intelligence Methods Based on pre-Operative Multiparametric MRI (GliomaAI) *National Institute for Medical Research Development, Bridging Grant*  
- Artificial Intelligence Methods Based on pre-Operative Multiparametric MRI (GliomaAI)
- Quantitative Assessment of Liver Fibrosis in Patients with Chronic Liver Diseases Using Multiparametric MRI *Tehran University of Medical Science* 
- Development of Thin Gradient Coil for an Animal MRI Superconducting Magnet and Pulse Sequence Application *Iran National Science Foundation, Silk Road Grant*  
- Research of the Integrated Scanner

## Publications

### Articles

- 2022 Quantitative assessment of resting-state functional connectivity MRI to differentiate Amnestic Mild Cognitive Impairment, late-onset Alzheimer's disease from Normal subjects *Journal of Magnetic Resonance Imaging*  
Fateme Mohammadian, Arash Zare Sadeghi, Maryam Noroozian, Vahid Malekian, Majid Abbasi Sisara, Hasan Hashemi, Hanieh Mobarak Salari, Gelareh. Valizadeh, Fardin Samadi, Forough Sodaei, Hamidreza Saligheh Rad
- 2022 Resting-state Functional connectivity to differentiate Mild Cognitive Impairment, Alzheimer's disease, and Normal subjects *ISMRM/SMRT Annual, meeting oral presentation*  
Fateme Mohammadian, Maryam Noroozian, Arash Zare Sadeghi, Hanieh Mobarak Salari, Hassan Hashemi, Hamid Reza Saligheh Rad
- 2022 Differential Diagnosis Among Alzheimer's Disease, Mild Cognitive Impairment, and Normal Subjects Using Resting-State fMRI Data Extracted from Multi Subject Dictionary Learning Atlas *Frontiers in Biomedical, Technologies Vol 9 No 4*  
Farzad Alizadeh, Hassan Homayoun, Amir hossein Batouli, Maryam Noroozian, Forough Sodaie, Hanieh Mobarak Salary, Anahita Fathi Kazerooni, Hamidreza Saligheh Rad
- 2021 Tumorous Tissue Characterization in Diffuse Glioma Based on 1H-MRS Data Employing 1D Convolutional Neural Networks *ISMRM/SMRT Annual, meeting digital poster*

Farzad Alizadeh, Anahita Fathi Kazerooni, Hanieh Bahrampour,  
Hanieh Mobarak Salari, and Hamidreza Saligheh Rad

- 2020 Clinical MRI Research in Human Brain Mapping *Frontiers in Biomedical Technologies, 7 (3), 138-141*  
H Saligheh Rad, AF Kazerooni, HM Salari
- 2019 The Evaluation of the Brain Alterations In Epileptic Patients Using Structural Magnetic Resonance Imaging *Frontiers in Biomedical Technologies, 6 (3), 148-152*  
HM Salari, F Sodaei, J Zamani, N Abyari, FSK Mehr, HS Rad
- 2019 Quantification of ASL Perfusion MRI in MCI Patients Using Single-Post Labeling Delay Model-Fitting Approach *Frontiers in Biomedical Technologies, 6 (3), 117-122*  
FSK Mehr, S Kalantari, J Zamani, HM Salari, H Saligheh Rad
- 2018 Investigating Frequency of Urinary Stones and Predicting Success Rate of Extracorporeal Lithotripsy Instruments In Public Hospitals in Western Iran *Entomology and Applied Science Letters, 5 (1), 47-50*  
HM Salari, M Beyranvand, M Gholami

#### **Translated Books**

- 2022 Research Methods in Radiology *Royan Pazhouh Publication*  
Translator: Hamidreza Saligheh Rad, Hamidreza Haghighat Khah, Hanieh Mobarak Salari, ...
- 2022 The Practice of Radiology Education *Under the publication*  
Translator: Hamidreza Saligheh Rad, Hanieh Mobarak Salari, ...

## **Professional Experiences**

- 2016- present Quantitative MR Imaging and Spectroscopy Group (QMISG) *Research Laboratory and development manager*
- 2019 - Present KIO medical Company *Co-Founder / Chief Management Officer*
- 2022- Present Negin Azadi oncology center *Radiology department manager*
- 2020 - Present IR International Society for Magnetic Resonance in Medicine (ISMRM) *Executive member*
- 2019 - 2022 Masih Daneshvari Hospital *Radiology and CT scan Technologist*
- 2017 - 2019 Shezan Start-up Accelerator *Tele-radiology Project Manager*

## Skills

### Software Skills

ExploreDTI Software  
DTI Studio Software  
MRI cro Software  
dcm2nii Software  
ITK snap

### Soft Skills

Team Management/team working  
Problem Solving  
Critical Thinking  
Persistency  
Innovation

## Languages

Persian (Native)  
English (Proficient)

## Referees

Hamid Reza Saligheh Rad  
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