



Sepideh Abdi

Postdoctoral Scholar, Neurology and Neurological Sciences

Bio

HONORS AND AWARDS

- Distinguished Reviewer, (top <5%), AJNR(American Journal of Neuroradiology) (2026)
- Cum Laude Award, Morris Simon Research Day, Beth Israel Deaconess Medical Center- Harvard Medical School (2024)
- Certificate of Merit Award, Radiological Society of North America(RSNA) (2023)
- Research Grant recipient, Shahid Beheshti University of Medical Science, Tehran, Iran (2022)
- Diploma, Member of National Iranian Organization for Development of Exceptional Talents (2011)
- Ranked top 0.01%, Higher Education (B.Sc.) entrance nation-wide examination (2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member-In-Training, RSNA(Radiological Society of North America) (2023 - present)
- Member-In-Training, SABI(Society for Advanced Body Imaging) (2024 - present)
- Member-In-Training, AAWR(American Association for Women Radiologists) (2025 - present)
- Member, AMA(American Medical Association) (2026 - present)
- Member-In-Training, ARRS(American Roentgen Ray Society) (2026 - present)
- Member-In-Training, ASNR(American Society of Neuroradiology) (2026 - present)

PROFESSIONAL EDUCATION

- Postdoctoral Research Scholar, Stanford University , Molecular Imaging and Neuro-oncology (2024)
- Postdoctoral Research Fellow, Beth Israel Deaconess Medical Center- Harvard Medical School , Diagnostic Radiology (2023)
- Research Assistant, Tehran University of Medical Sciences , Cancer Research Diploma (2022)
- Research Assistant, Iran Cancer Institute, Tehran University of Medical Science (2020)
- MD, Iran University of Medical Sciences (IUMS) School of Medicine , Medicine (2020)

STANFORD ADVISORS

- Lawrence Recht, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Participant metabolic state impacts glioma PET imaging: Translational insights from [18F]DASA-10 and FDG**
Abdi, S., Moses, A., Malek, R., Cheung, P., Landry, M., Recht, L., Beinat, C.

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- **2-Methylglutamate Prolongs Survival in a Mouse Model of Glioblastoma**
Moses, A., Kendirli, M., Abdi, S., Cheung, P., Perna, A., Montine, T., Recht, L., Beinat, C.
OXFORD UNIV PRESS INC.2025: v433
- **Advancing neurotech justice in youth digital mental health: insights from an interdisciplinary and cross-generational workshop.** *NPP - digital psychiatry and neuroscience*
McFarland, C. W., Comeau, D. S., Abdi, S., Alborzi Avanaki, M., Celi, L. A., Shen, F. X., Silverman, B. C.
2026; 4 (1)
- **Tobacco control policies on cancer prevention in the Eastern Mediterranean Region, 2025-2050: A modeling study.** *PLoS medicine*
Nemati, S., Vand Rajabpour, M., Feng, X., Taheri, N., Rumgay, H., Heidari, F., Karimi, E., Abdi, S., Johansson, M., Sheikh, M.
2026; 23 (4): e1005032
- **Diagnostic Utility of 3D Volume Rendered Images in CTA Head Scans for Aneurysm Detection in Subarachnoid Hemorrhage Patients**
Purohit, S., Chang, Y., Velandia, F., Abdi, S., Brook, A., Bhadelia, R., Ogilvy, C. S.
LIPPINCOTT WILLIAMS & WILKINS.2026: 203-204
- **Comparison of the Diagnostic Utility of Computed Tomography Angiography Head With and Without 3-Dimensional Volume-Rendered Images for Aneurysm Detection in Subarachnoid Hemorrhage Patients Versus Digital Subtraction Angiography.** *Neurosurgery*
Chang, Y. M., Abdi, S., Purohit, S., Ramirez-Velandia, F., Brook, A., Ogilvy, C. S., Bhadelia, R. A.
2026; 98 (4): 866-872
- **IRANCANSURV: A comprehensive analysis of childhood cancer survival in Iran.** *International journal of cancer*
Saeedi, E., Nemati, S., Lotfi, F., Domingues, A., Abdi, S., Pirnejad, H., Cheraghi, M., Rezaeianzadeh, A., Dolatkah, R., Niami, N., Bazarafshan, A., Golpazir, A., Yaghoobi-Ashrafi, et al
2026; 158 (4): 866-872
- **A Systematic Review of the Mechanistic Effects of Ginsenosides on Enhancing Radiotherapy and Providing Radioprotection.** *Anti-cancer agents in medicinal chemistry*
Abdi, S., Heidari-Soureshjani, S., Rostamian, S., Raeisi, E.
2026
- **CT-Based Radiomics and Deep Learning for Preoperative Thyroid Nodule Classification: A Systematic Review, Meta-analysis, and Radiologist Comparison.** *Academic radiology*
Broomand Lomer, N., Ahmadzadeh, A. M., Ashoobi, M. A., Abdi, S., Ghasemi, A., Gholamrezanezhad, A.
2026; 33 (1): 98-116
- **Accuracy of CT-Based Radiomics Models for Preoperative Grading of Clear Cell Renal Cell Carcinoma: A Systematic Review and Meta-analysis.** *Academic radiology*
Lomer, N. B., Abdi, S., Ashoobi, M. A., Ahmadzadeh, A. M., Ghasemi, A., Torigian, D. A.
2025; 32 (11): 6664-6676
- **Socioeconomic disparities impacting breast cancer care and survival in Iran.** *Scientific reports*
Rajabpour, M. V., Nemati, S., Seyyedsalehi, M. S., Nahvijou, A., Abdi, S., Garousi, M., Omranipour, R., Abdollahi, A., Aghili, M., Motlagh, A., Javanmad, S. H., Zendehtdel, K.
2025; 15 (1): 36776
- **Imaging of Premalignant Conditions of Bone and Soft Tissue.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
Abdi, S., Al-Ibraheemi, A., Komarraju, A., Cutts, J., Deshmukh, S., Smith, S. E., Wu, J. S.
2025; 45 (8): e240172
- **The relationship of myocardial and liver T2* values with cardiac function and laboratory findings in transfusion-dependent thalassemia major patients: A retrospective cardiac MRI study.** *Journal of cardiovascular and thoracic research*
Abdi, S., Taheri, N., Zahedi Haghighi, F., Khaki, M., Najafi, H., Hemmati Komasi, M. M., Hassani, B.
2023; 15 (2): 86-92