

Stanford



Manoj Kumar

Postdoctoral Research Fellow, Radiology

Bio

HONORS AND AWARDS

- The Alavi-Mandell Award - 2020, Society of Nuclear Medicine and Molecular Imaging (SNMMI) (2020)
- Scholarship for Training Course on Experimental Modeling of Human Cancer, The Jackson Laboratory (2019)
- Student Travel Award, Radiological Society of North America (RSNA) (2018)
- Scholar-in-Training Award, American Association for Cancer Research (AACR) (2018)
- Graduate School Research Grant Competition Award, University of Wisconsin-Madison Graduate School (2018)

PROFESSIONAL EDUCATION

- Doctor of Philosophy (Ph.D.), University of Wisconsin-Madison , Clinical Investigation (2020)
- Master of Science (MS), University of Wisconsin-Madison , Biotechnology (2014)
- Bachelor of Technology (B.Tech), Uttar Pradesh Technical University , Biotechnology (2010)

STANFORD ADVISORS

- Tanya Stoyanova, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Recent Advances in Imaging Steroid Hormone Receptors in Breast Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Kumar, M., Salem, K., Tevaarwerk, A. J., Strigel, R. M., Fowler, A. M.
2020; 61 (2): 172–76
- **Progesterone Receptor Gene Variants in Metastatic Estrogen Receptor Positive Breast Cancer** *HORMONES & CANCER*
Fowler, A. M., Salem, K., DeGrave, M., Ong, I. M., Rassman, S., Powers, G. L., Kumar, M., Michel, C. J., Mahajan, A. M.
2020; 11 (2): 63–75
- **Longitudinal molecular imaging of progesterone receptor reveals early differential response to endocrine therapy in breast cancer with an activating ESR1 mutation.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Kumar, M., Salem, K., Jeffery, J. J., Yan, Y., Mahajan, A. M., Fowler, A. M.
2020
- **F-18-Fluoroestradiol PET Imaging of Activating Estrogen Receptor-alpha Mutations in Breast Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Kumar, M., Salem, K., Michel, C., Jeffery, J. J., Yan, Y., Fowler, A. M.
2019; 60 (9): 1247–52
- **Sensitivity and Isoform Specificity of F-18-Fluorofuranylnorprogesterone for Measuring Progesterone Receptor Protein Response to Estradiol Challenge in Breast Cancer** *JOURNAL OF NUCLEAR MEDICINE*

Salem, K., Kumar, M., Yan, Y., Jeffery, J. J., Klopping, K. C., Michel, C. J., Powers, G. L., Mahajan, A. M., Fowler, A. M.
2019; 60 (2): 220–26

● **F-18-16 alpha-17 beta-Fluoroestradiol Binding Specificity in Estrogen Receptor-Positive Breast Cancer** *RADIOLOGY*

Salem, K., Kumar, M., Powers, G. L., Jeffery, J. J., Yan, Y., Mahajan, A. M., Fowler, A. M.
2018; 286 (3): 868–76

● **Determination of binding affinity of molecular imaging agents for steroid hormone receptors in breast cancer.** *American journal of nuclear medicine and molecular imaging*

Salem, K., Kumar, M., Klopping, K. C., Michel, C. J., Yan, Y., Fowler, A. M.
2018; 8 (2): 119–26

● **Dendrimer-stabilized smart-nanoparticle (DSSN) platform for targeted delivery of hydrophobic antitumor therapeutics** *PHARMACEUTICAL RESEARCH*

Tekade, R. K., Tekade, M., Kumar, M., Chauhan, A. S.
2015; 32 (3): 910–28