Isaac Mackenzie Jackson

- MD Student, expected graduation Spring 2024
- Ph.D. Student in Chemistry, admitted Autumn 2018
- MSTP Student

Publications

PUBLICATIONS

- Development and Initial Assessment of [18F]OP-801: a Novel Hydroxyl Dendrimer PET Tracer for Preclinical Imaging of Innate Immune Activation in the Whole Body and Brain. *Molecular imaging and biology*
  2023

  2023

- In Silico Approaches for Addressing Challenges in CNS Radiopharmaceutical Design. *ACS chemical neuroscience*
  Jackson, I. M., Webb, E. W., Scott, P. J., James, M. L.
  2022

- Radiosynthesis and initial preclinical evaluation of [11C]AZD1283 as a potential P2Y12R PET radiotracer. *Nuclear medicine and biology*
  2022

- TRACKING INNATE IMMUNE ACTIVATION IN A MOUSE MODEL OF PARKINSON'S DISEASE USING TREM1 AND TSPO PET TRACERS. *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  2022

- A new in silico approach to revolutionize CNS PET tracer design and enhance translational success
  Jackson, I., Luo, A., Webb, E., Stevens, M., Scott, P., James, M.
  ELSEVIER SCIENCE INC. 2021: S24-S25

- Use of 55 PET radiotracers under approval of a Radioactive Drug Research Committee (RDRC). *EJNMMI radiopharmacy and chemistry*
  2020; 5 (1): 24

- Neuroinflammation PET imaging: Current opinion and future directions. *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Jain, P., Chaney, A., Carlson, M. L., Jackson, I. M., Rao, A., James, M. L.
  2020

- Development of a CD19 PET tracer for detecting B cells in a mouse model of multiple sclerosis. *Journal of neuroinflammation*
  Stevens, M. Y., Cropper, H. C., Lucot, K. L., Chaney, A. M., Lechtenberg, K. J., Jackson, I. M., Buckwalter, M. S., James, M. L.
  2020; 17 (1): 275
Radiolabeling and pre-clinical evaluation of a first-in-class CD19 PET Tracer for imaging B cells in multiple sclerosis

Stevens, M., Cropper, H., Jackson, I., Chaney, A., Lechtenberg, K., Buckwalter, M., James, M. L.
SOC NUCLEAR MEDICINE INC. 2019