

Academic Honors:

2012 - Present National Science Foundation Graduate Research Fellow
 2012 - Present Yale University Dean's List
 2010 - 2012 National Golden Key Honor Society
 2008 - 2012 University of Pittsburgh Honors College and Dean's List

Publications:

Petrulli JR, Hansen SB, Abourbeh G, Yaqub M, Bahce I, Holden D, Nabulsi NB, Contessa JN, Mishani E, Lammertsma AA, Morris ED. A multi species evaluation of the radiation dosimetry of [^{11}C]erlotinib, the radiolabeled analog of a clinically utilized tyrosine kinase inhibitor. *Nuclear Medicine and Biology* (accepted).

Petrulli JR, Kalish B, Nabulsi NB, Huang Y, Hannestad J, and Morris ED. Systemic inflammation enhances stimulant-induced striatal dopamine elevation. *Translational Psychiatry* (accepted).

Groman SM, Smith NJ, **Petrulli JR**, Massi B, Chen L, Ropchan J, Huang Y, Lee D, Morris ED, and Taylor JR. Dopamine D₃ receptor availability is associated with inflexible decision making. *Journal of Neuroscience* 2016; 36(25): 6732-6741.

Cosgrove KP, Esterlis I, Sandiego C, **Petrulli JR**, and Morris ED. Imaging tobacco smoking with PET and SPECT. *Current Topics in Behavioral Neurosciences* 2015; 24:1-17.

Morris ED, Lucas MV, **Petrulli JR**, and Cosgrove KP. How to design PET experiments to study neurochemistry: application to alcoholism. *Yale Journal of Biology and Medicine* 2014; 87(1):33-54.

Petrulli JR, Sullivan JM, Zheng MQ, Bennett DC, Charest J, Huang Y, Morris ED, and Contessa JN. Quantitative analysis of [^{11}C]erlotinib PET demonstrates specific binding for activating mutations of the EGFR kinase domain. *Neoplasia* 2013; 15(12): 1347-1353.

Oral Presentations:

June 2015 Brain PET (12th International Conference) - Vancouver, BC
Petrulli JR, Kalish B, Gao H, Ropchan J, Huang Y, Hannestad J, and Morris ED. Endotoxin enhances methylphenidate-induced dopamine release measured with ^{11}C -raclopride PET

June 2015 SNMMI Annual Meeting - Baltimore, MD
Petrulli JR, Contessa JN, and Morris ED. Texture analysis based stratification of non-small cell lung cancer using ^{11}C -erlotinib PET.

June 2014 SNMMI Annual Meeting - St. Louis, MI
Petrulli JR, Sullivan JM, Zheng MQ, Huang Y, Contessa JN, and Morris ED. PET determination of specific uptake of ^{11}C -erlotinib by different tumor types expressing EGFR, in vivo, through kinetic modeling.

Poster Presentations:

June 2016 SNMMI Annual Meeting - San Diego, CA
Petrulli JR, Hansen SB, Abourbeh G, Yaqub M, Bahce I, Holden D, Nabulsi N, Contessa JN, Mishani E, Lammertsma AA, and Morris ED. A multi-species study of the radiation dosimetry of ^{11}C -erlotinib.

May 2014 Functional Neuroreceptor Mapping (10th International Symposium) - Amsterdam, NL
Petrulli JR, Sullivan JM, Zheng MQ, Huang Y, Contessa JN, and Morris ED. PET determination of specific uptake of ^{11}C -erlotinib by different tumor types expressing EGFR, in vivo through kinetic modeling.