



The Yale PET Center presents

PET Talks

Seminars By and For PET Users



Using PET Imaging to Address Clinically Relevant Oncology Questions, Validate Radiotracers and Improve our understanding of Cancer Biology:

The University of Washington experience with Lung Cancer

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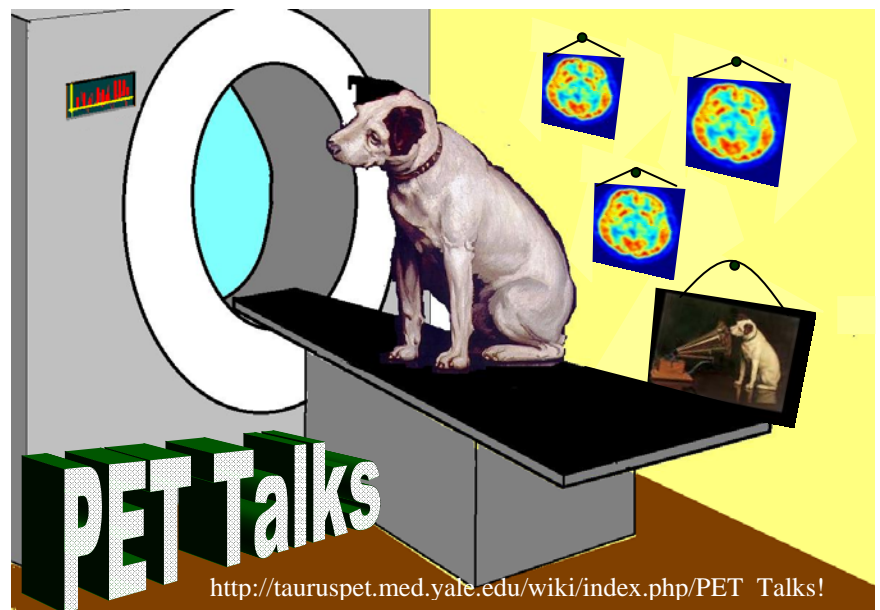
*University of Washington
Medical Center, Seattle*

Friday, Mar 23, 12 noon
Hope 103



Abstract: PET imaging has important roles in oncology from helping the clinical management of cancer patients, and serving as a tool to assess tumor response in clinical trials, to studying the biology of tumors. Through 15 years of experience applying PET imaging to non-small cell lung cancer, we will illustrate the opportunities but also the challenges of pursuing PET research in oncology. Among the studies to be discussed:

- 1) The application of tumor FDG uptake as a prognostic marker in NSCLC;
- 2) The validation of novel radiotracers such as [F-18]FLT;
- 3) The use of tissue correlates as guides to interpretation of PET imaging data.



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