

24th CARO Annual Scientific Meeting

Research, Discovery, Collaboration and Education in Radiation Oncology and Physics

Wednesday, September 22 - Saturday, September 25 | Hyatt Regency, Vancouver, BC

CARO2010

2010 CARO ASM Physics Preconference Lecturer

Dr. Alexander Sun

"FDG-PET Imaging for Radiation Therapy Response Monitoring in Lung Cancer"



Dr. Alex Sun is a Radiation Oncologist at the Princess Margaret Hospital (PMH), University of Toronto. He has an interest in clinical trials in lung cancer.

He is currently the Radiation Therapy Oncology Group (RTOG) Principal Investigator for PMH and is a member of the RTOG Lung Cancer Steering Committee. His research focus is on Prophylactic Cranial Irradiation (PCI) and PET imaging in lung cancer. He is the NCIC - PI and first author of the secondary endpoints analysis for the recently completed North American Intergroup study of PCI in LA-NSCLC.

He has completed a grant funded pilot prospective study of PET imaging in lung cancer and has collaborated with the world leading group at MAASTRO in the Netherlands. His team was recently awarded a NCIC grant funding a "Prospective Study of 4DCT and 4DPET Imaging during a course of Radical Radiotherapy to Monitor Tumor Response and Predict Treatment Outcome for Non-Small Cell Lung Cancer".