



14th Annual Research Retreat

Saturday, November 7th, 2020 | Virtual | Department of Radiation
Medicine

WebEx Meeting information:

Meeting number: XXX XXX XXXX

Password: xxxxxxxxxx

<https://ohsu.webex.com/ohsu>

Join by phone

+1-415-655-0001 US Toll

Access code: XXX XXX XXXX

PLEASE ALLOW 10 MINUTES FOR EACH PRESENTATION

7:30am | Welcome from Charles Thomas, Jr., M.D.

Digital Health Technology Research

7:40am-7:50am | Wencesley Paez, M.D., M.S.H.S. (c).....
A Smartphone Mobile Application Using Artificial Intelligence for Pain Control and Management for Bone Metastases

Health Services Research

7:52am-8:02am | Mary Medysky, Ph.D.....
Exercise for Lung Cancer Patients: Preliminary Improvements in Physical and Psychosocial Function

Pre-Clinical & Basic Science

8:04am-8:14am | Joshua Walker, M.D., Ph.D.....
Delivery of Molecularly Targeted Radio sensitizing Therapy Using a Fusogenic Lipid Nanoparticle System

8:16am-8:26am | Reid Thompson, M.D., Ph.D.....
Human leukocyte antigen (HLA) and SARS-CoV-2 susceptibility

8:28am-8:38am | Robert Eil, M.D.....
Engineering T cell function to enhance antitumor immunity

Clinical and Translational

8:40am-8:50am | Aaron Grossberg, M.D., Ph.D.....
A Prospective, Multi-center Investigational Study of Heart Rate Variability Monitoring for the Early Detection of Pancreatic Cancer

~Break 5min~

Clinical and Translational (cont'd)

8:55am-9:05am | Lauren Maloney, Medical Student.....
Angiotensin Receptor Blockade and Stereotactic Body Radiation Therapy for Early Stage Lung Cancer

9:07am-9:17am | Hans Kim, M.D......
The Future Role of Radiation Treatment in Combined Metabolic Therapy by Maximizing Radiation Induced Oxidative Stress

9:19am-9:29am | Christopher Deig, M.D......
Randomized Two-stage Adaptive Prospective Two-arm Phase II Trial Comparing SBRT versus Yttrium-90 Segmentectomy in Inoperable Hepatocellular Carcinoma

9:31am-9:41am | Jehan Yahya, M.D......
Comparative Matched Analysis for Survival Endpoints Between Women with Early Stage Uterine Carcinoma and Uterine Serous Carcinoma

9:43am-9:53am | Mark Garzotto, M.D., Amy Moran, Ph.D......
Immuno-Hormonal Therapy for High-risk Localized Prostate Cancer

~Break 5min~

Education

9:58am-10:08am | Jenna Kahn, M.D......
Medical Student Virtual Clerkship and Education Platforms in Radiation Oncology

Clinical and Translational (cont'd)

10:10am-10:20am | Amanda Stratton, Medical Student.....
Neoadjuvant Chemotherapy or Chemoradiotherapy Does Not Increase Early and Late Post-operative Complication Rates Following Definitive Resection for Pancreatic Ductal Adenocarcinoma

10:22am-10:32am | Shannon Nugent, Ph.D......
Patient-Clinician Communication and Longitudinal Patient-Centered Outcomes Among Patients with Stage I Non-small cell lung cancer: A prospective Cohort Study

10:34am-10:44am | Samantha C. Bowen, B.A......
Virtual Visits in an Established Multidisciplinary Central Nervous System Clinic for Radiation Oncology and Neurosurgery (RADIANS) in a Community Hospital Setting: A Pilot Study

10:46am-10:56am | Ramon Barajas, M.D......
Use of Hypoxia Imaging to Assess Changes in the Glioblastoma Immune Microenvironment

~Break 5min~

Imaging

11:01am-11:11am | Dave Fuller, M.D., Ph.D......

Imaging Informatics: Applications to Advance Head and Neck Radiotherapy

11:13am-11:23am | Brandon Dyer, M.D......

Image Registration Strategies for Radiation Therapy Optimization of Gynecologic Malignancies

11:25am-11:35am | Cymon Kersch, Ph.D......

Non-Invasive Imaging Metrics Provide Potential Biomarkers for Glioblastoma Heterogeneity

Medical Physics

11:37am-11:47am | Molly McCulloch, Ph.D......

Dose Accumulation for Cancers in the Head & Neck
