UCSF Department of Radiation Oncology

UCSF Radiology & Biomedical Imaging

THERANOSTICS, PHYSICS, & RADIOBIOLOGY

A JOINT UCSF RADIATION ONCOLOGY AND RADIOLOGY RESEARCH SYMPOSIUM

FRIDAY, OCTOBER 30, 2026 | 8:00 AM-1:00 PM | FISHER BANQUET ROOM, MISSION BAY



8:00 AM | INTRODUCTORY REMARKS: DRS. CATHERINE PARK AND CHRISTOPHER HESS

FROM BASIC/TRANSLATIONAL TO CLINICAL TRIALS COMBINING RPT/EBRT

Moderator: Dr. Thomas Hope

8:10–8:20 AM	**1. Dr. Aman Chauhan:** Enhancing DNA Damage Using Triapine
8:20–8:30 AM	**2. Dr. Rahman Akinlusi:** PRRT and future trends in NETs
8:30–8:40 AM	**3. Dr. Will C. Chen:** RPT trials for recurrent meningioma
8:40–8:50 AM	**4. Dr. Steven Seyedin:** RPT trials in bladder
8:50–9:00 AM	**Panel Q/A**

DNA-DAMAGE AND REPAIR / DOSE MEASUREMENTS

Moderator: Dr. Ke Sheng

9:00–9:10 AM	**5. Dr. Ke Sheng:** Timing effects in radiation response
9:10–9:20 AM	**6. Dr. Mekhail Anwar:** Nano circuit based personalized integral dose measurements
9:20–9:30 AM	**7. Dr. José Ramos-Méndez:** Dosimetry at a cellular level
9:30–9:40 AM	**8. Dr. Youngho Seo:** Modelling the biologic effects of radiopharmaceutical therapy
9:40–9:50 AM	**9. Dr. Will S. Chen:** Beyond PSMA: Mapping the biology of radiopharmaceutical therapy response
9:50–10:00 AM	**Panel Q/A**
10:00–10:25 AM	**Coffee Break**

RADIATION INDUCED SIGNALING AND TME

Moderator: Dr. Catherine Park

10:25–10:35 AM	**10. Dr. Rahul Aggarwal:** Combining checkpoint inhibition and RLT
10:35–10:45 AM	**11. Dr. Nam Woo Cho:** Radiation modulation of immune therapy
10:45–10:55 AM	**12. Dr. Mary Helen Barcellos-Hoff:** Immunomodulatory signals in radiation response
10:55–11:05 AM	**13. Dr. Jean-Philippe Coppé:** Radiation induced senescence
11:05–11:15 AM	**14. Dr. Jonathan Chou:** Leveraging DNA repair to enhance RLT
11:15–11:25 AM	**Panel Q/A**

RADIOCHEMISTRY, ALPHA EMITTERS: FROM SOURCE TO TREATMENT

Moderator: Dr. Robert Flavell

11:25–11:35 AM	15. **Dr. Mike Evans:** Novel Approaches to Expanding the Therapeutic Window
11:35–11:45 AM	16. **Dr. Robin Cumming:** Overview of radiochemistry resources at the RPF
11:45–11:55 AM	17. **Dr. Robert Flavell:** CD46 as a target for RLT
11:55 AM–12:05 PM	**Panel Q/A**
12:05 PM-1:00 PM	**Lunch and Discussions**
1:00 PM	**Adjourn to Radiation Oncology Faculty Retreat**

THERANOSTICS

PHYSICS

RADIOBIOLOGY