



Welcome to the ASTRO Annual Meeting! You'll find the programming is rich with scientific and education sessions, networking opportunities and more. We've curated a list of sessions and meeting highlights especially for attendees interested in **Radiopharmaceutical Therapy** programming to help you navigate the meeting.

## SATURDAY, SEPTEMBER 28

**1:00 p.m. – 5:30 p.m.** | Room 147

**Workshop 02** – Radiopharmaceutical Therapy Workshop

## SUNDAY, SEPTEMBER 29

**8:00 a.m. – 9:00 a.m.** | Room 207 B

**QP 01 – GU 4:** Quick Pitch

- **8:30 a.m. – 8:40 a.m. • 1003:** Initial Results of a Phase 2 Trial of Stereotactic Body Radiation Therapy, Hormone/Androgen Deprivation Therapy and Radium 223 Dichloride for Oligometastatic Castrate Sensitive Prostate Cancer (SHARP)

**9:15 a.m. – 9:30 a.m.** | Ballroom A/B/C

**Welcome to ASTRO's Annual Meeting**

**9:30 a.m. – 12:00 p.m.** | Ballroom A/B/C

**Presidential Symposium**

***Innovations in Genitourinary Cancers***

- **Session 1**

**9:30 a.m. – 10:20 a.m.**

- Renaissance of Radiotherapy for RCC

- **Session 2**

**10:20 a.m. – 11:10 a.m.**

- Bladder Preservation – A Modern Choice for Patients

- **Session 3**

**11:10 a.m. – 12:00 p.m.**

- Radiotherapy for Prostate Cancer: Innovations You Can Implement Today

**1:00 p.m. - 2:30 p.m.** | Ballroom A/B/C

**Clinical Trials Session**

**2:45 p.m. – 4:15 p.m.** | Hall C

**PQA 01** – Lung Cancer/Thoracic Malignancies and Diversity, Equity and Inclusion in Healthcare

- **2158:** A First-in-Human Study of the Radiopharmaceutical [225Ac]-FPI-2068 in Patients (pts) with Advanced Solid Tumors

**3:00 p.m. – 4:00 p.m.** | East Salon C, Early Career and Mentoring Lounge

**Speed Mentoring I**

**4:00 p.m. – 4:30 p.m.** | Grand Lobby (Near the ASTRO sign)

**ASTRO Social Media Meet Up**

**4:45 p.m. – 6:00 p.m.** |

**PQA 02** – Physics

- **2235:** Feasibility Study of Treating Small Targets with Different PET Uptake Concentration Using BgRT
- **2263:** Evaluation of 18F-FDG and 18F-FMISO PET Imaging for Biology-Guided Radiotherapy in Lung and Abdomen Cancer Patients
- **2264:** Renal Dosimetry for 177Lu-DOTATATE: Impact of Region of Interest Selection
- **2282:** Comparison of Thermoluminescent Dosimetry to Calculated Dosimetry in the Tumor Margins in Diffusing Alpha-Emitters Radiation Therapy

RADIOPHARMACEUTICAL THERAPY

JOURNEY MAP

- **2323:** A Quantitative Comparison of CT- and PET/SPECT-Based Dosimetry Following Yttrium-90 Radioembolization with Radiopaque Glass Microspheres
- **2441:** Development and Clinical Evaluation of a Portable Pixelated Radio-Luminescent Organic Phantom for Radiotherapy Quality Assurance

## MONDAY, SEPTEMBER 30

**8:00 a.m. – 9:00 a.m.** | 📍 East Salon C, Early Career and Mentoring Lounge

**ASTRO Committee Fair**

**9:05 a.m. – 9:15 a.m.** | 📍 Ballroom A/B/C

**Incoming ASTRO CEO Vivek Kavadi Addresses Members**

**9:15 a.m. – 10:15 a.m.** | 📍 Ballroom A/B/C

**Keynote Address** – The Science of Bite-Sized Well-Being During Uncertain Times: Evidence, Practice and Resources to Share

- Bryan Sexton, PhD, Duke Center for Healthcare Safety and Quality

**10:45 a.m. – 11:45 a.m.** | 📍 East Salon C, Early Career and Mentoring Lounge

**Speed Mentoring II**

**10:45 a.m. – 12:00 p.m.** | 📍 Room 150

**SS19** – Bio 3: Genomics and Biomarkers

- **11:35 a.m. – 11:45 a.m.** · **213:** Circulating Tumor Cell-Based Molecular Biomarkers of 177Lu-PSMA-617 Treatment Efficacy in Metastatic Prostate Cancer

**10:45 a.m. – 12:00 p.m.** | 📍 Hall C

**PQA 04** – Palliative Care and Central Nervous System

- **2636:** Can Individualized Dosimetry Improve Treatment Efficacy for 177Lu-DOTATATE (D) Therapy in Primary Site Agnostic Neuroendocrine Tumors?

**1:00 p.m. – 1:30 p.m.** | 📍 Ballroom A/B/C

**Presidential Address** – Is There a Relationship Between Provider Well-Being and Quality of Patient Care?

**1:30 p.m. – 3:00 p.m.** | 📍 Ballroom A/B/C

**Plenary Session**

**4:00 p.m. – 5:00 p.m.** | 📍 Halls A/B/C

**Exhibit Hall Networking Reception**

**5:00 p.m. – 6:00 p.m.** | 📍 Hall C

**PQA 06** – Biology and Patient Reported Outcomes/QoL/Survivorship

- **2759:** Spatiotemporal Evaluation of the Early Inflammatory Response of the Gut to Radiation Using Non-Invasive In Vivo Redox Imaging
- **2768:** Potential Utility of Interim PET CT as Predictive and Prognostic Marker in Locally Advanced Head and Neck Squamous Cell Carcinoma Patients Treated with Simultaneous Integrated Boost-IMRT- Can One Scan Fit for All?
- **2779:** Radiopharmaceutical Cell Surface Target Selection
- **2799:** A Feasibility Study of Using 64Cu-ATSM PET for Radiation Dose Painting Escalation in Locally Advanced Rectal Cancers
- **2845:** Correlation between Primary Uptake of [18F]AIF-NOTA-FAPI-04 and Molecular Subtypes of Breast Cancer
- **2854:** CXCR4-Directed PET/CT may Distinguish Different Subtypes of Small Cell Lung Cancer
- **2872:** Non-Invasive Imaging of Acute Radiation-Induced Esophagitis by Targeting CXCR4
- **2917:** Preclinical Evaluation and Pilot Clinical Study of [18F]AIF-NOTA-QHY-04 for PET Imaging of CXCR4 Expression in Hematologic Malignancy and Solid Tumors

## TUESDAY, OCTOBER 1

**7:00 a.m. – 8:00 a.m.** | 📍 Along the DC Monuments  
**ROI 5k Run and Walk**

**9:15 a.m. – 10:15 a.m.** | 📍 Ballroom A/B/C  
**Keynote Address** – Surviving Medicine in the 21st Century  
• Danielle Ofri, MD, PhD, Bellevue Hospital

**10:15 a.m. – 11:30 a.m.** | 📍 Ballroom A/B/C  
**Awards Ceremony**

**11:30 a.m. – 12:45 p.m.** | 📍 Room 146  
**ASTRO Annual Business Meeting and Luncheon**  
(Active, Affiliate and International members only)

**12:45 p.m. – 2:00 p.m.** | 📍 Room 150  
**SS 29** – Bio 4: Immunotherapy and Immune Response

- **12:55 p.m. – 1:05 p.m. · 264:** Tumor Immunity Following Radiopharmaceutical + Checkpoint Blockade Varies with Treatment Sequence, Radioisotope and Tumor Immunogenicity

**12:45 p.m. – 2:00 p.m.** | 📍 Room 152  
**SS 30** – Phys 5: Response Assessment

- **1:05 p.m. – 1:15 p.m. · 272:** Impact of Organ-at-Risk (OAR) Radiation Dosimetry on Acute and Late Toxicity after Prostate Stereotactic Body Radiation Therapy (SBRT): A Post-Hoc Analysis of a Phase III Randomized Clinical Trial of MRI-Guided vs. CT-Guided SBRT

**1:15 p.m. – 2:15 p.m.** | 📍 East Salon C, Early Career and Mentoring Lounge  
**Speed Mentoring III**

**2:30 p.m. – 3:45 p.m.** | 📍 Room 207  
**Late Breaking Abstract Session**

**2:30 p.m. – 3:45 p.m.** | 📍 Room 152  
**SS 33** – Phys 6: Treatment Technology

- **2:50 p.m. – 3:00 p.m. · 291:** A Sparse Uncollimated  $\gamma$  Counter Network for In Vivo Dose Reconstruction in  $^{225}\text{Ac}$ -Based Targeted Alpha Therapy

**2:30 p.m. – 3:45 p.m.** | 📍 Hall C  
**PQA 08** – Genitourinary Cancer, Patient Safety and Nursing/Supportive Care

- **3253:** The Safety and Efficacy of Lutetium-177-PSMA-617 Therapy for Metastatic CRPC in a Real World Community Cancer Center
- **3265:** PSMA-PET Radiopharmaceutical Image Scoring Method (PRISM): A Practical Tool for Predicting  $^{177}\text{Lu}$ -PSMA-617 Therapy Outcomes in Metastatic Castration-Resistant Prostate Cancer (mCRPC)
- **3304:** A Pilot Study of Immunological Response to PSMA-Directed Radioligand Therapy for the Treatment of Oligometastatic Prostate Cancer
- **3314:** Multivariate Analysis of Pretreatment Biomarkers Predicting Treatment Completion in Patients Undergoing  $^{177}\text{Lu}$ -PSMA-617 Radiopharmaceutical Therapy

**5:15 p.m. – 6:15 p.m.** | 📍 Room 140  
**EDU 61** – Practical Elements of a Radiopharmaceutical Program: Findings from ASTRO's Safety White Paper

**5:15 p.m. – 6:15 p.m.** | 📍 Room 207  
**EDU 62** – ASTRO/ESTRO Joint Session

**5:15 p.m. – 6:15 p.m.** | 📍 Room 152  
**QP 18** – Bio 5: Geonomics and Biomarkers II

- **5:15 p.m. – 5:25 p.m. 1101:**  $^{64}\text{Cu}$ -Anti-CEA M5A as a Novel Theranostics PET Imaging Agent Pre and Post Neoadjuvant Radiotherapy in Advanced Rectal Cancer

## WEDNESDAY, OCTOBER 2

**8:00 a.m. – 9:00 a.m.** | 📍 **Room 145**

**QP 22** – Physics 12: Dosimetry and Response Prediction

- **8:10 a.m. – 8:20 a.m. · 1126:** CT Dosimetry in Radioembolization: Image Acquisition Considerations

**9:15 a.m. - 10:15 a.m.** | 📍 **Ballroom A/B/C**

**Cancer Breakthroughs**

**10:30 a.m. – 11:30 a.m.** | 📍 **Room 143**

**QP 24** – Bio 6: Immunotherapy and Immune Response II

- **10:30 a.m. – 10:40 a.m. · 1137:** Impact of Aging on the Efficacy of Radiotherapy Combined with Immunotherapy and its Mechanism in a Mouse Model of Rectal Cancer

### 10 WAYS TO GET THE MOST OUT OF YOUR ASTRO ANNUAL MEETING EXPERIENCE

1. Bookmark the Annual Meeting Portal to plan your schedule.
2. View posters on the Annual Meeting Portal prior to attending Poster Q&A sessions; come to the sessions with questions for the presenters.
3. Browse state-of-the-art radiation oncology technology in the Exhibit Hall and interact with vendors during the Exhibit Hall Networking Reception.
4. Connect with colleagues on the Annual Meeting Community on the ROhub throughout the meeting.
5. Join the conversation on X using #ASTRO24; follow the #ASTRO24 Social Champions.
6. Attend the Science Highlights sessions for an overview of the top science being presented.
7. Join the fun! Relax, recharge and gather with colleagues in the ASTRO Game Zone.
8. Stop by the ASTRO Resource Center to learn more about your member benefits and ASTRO programs and to get your CME questions answered.
9. Pick up a copy of the Daily News for meeting highlights and more.
10. Wear comfortable shoes because there's lots to see, do and learn.

### BE SURE TO VISIT:

- **Exhibit Hall** – Open Sunday, Monday and Tuesday from 10:00 a.m. - 5:00 p.m. in Halls A/B/C, Lower Level.
- **Posters** – All posters are digital and grouped by track in Hall C.
- **ASTRO Bistro** – Open for lunch Sunday, Monday and Tuesday from 11:00 a.m. - 2:30 p.m. Ticket required.
- **ASTRO Game Zone** – Open Sunday, Monday and Tuesday from 10:00 a.m. - 5:00 p.m. Hall A, 200-300 Aisle, Exhibit Hall.
- **Survivor Circle Booth** – Visit with the recipients of this year's Survivor Circle Grants, Smith Center for Healing and the Arts and Touch4Life. While there, take a few minutes to relax, recharge and add some color to the communal coloring wall.
- **ASTRO Merch** – Purchase branded apparel and accessories.

Visit the Annual Meeting Portal for more information.

