

66th Annual Meeting of ASTRO 2024 Dartmouth Radiation Oncology Presentations

ORAL PRESENTATIONS

Chen Y, Decker S, Bruza P, Jarvis L, Gladstone D, Pogue B, Samkoe K, Zhang R: Quantification of Local-Regional Deformation Based on Cherenkov Imaged Vasculature for Breast Radiotherapy Patients.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Quick Pitch Oral, abstract no. 61871

Scientific Session Number: QP 17

Scientific Session Title: Phys 10: Imaging for Treatment Monitoring

Session Date/Time: Oct 1, Tuesday, 5:15 pm-6:15 pm (EST)

Chuong M, Parikh P, Low D, Kim J, Mittauer K, Bassetti M, Glide-Hurst C, Raldow A, Yang Y, Portelance L, **Zaki B**, Kim H, Mancias J, Ng J, Pfeffer R, Mueller A, Kelly P, Boldrini L, Fuss M, Lee PO: Quality of Life after Ablative 5-Fraction Radiation Therapy from the Phase 2 SMART Pancreas Trial.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Quick Pitch Oral, abstract no. 63512

Scientific Session Number: QP 10

Scientific Session Title: PRO/QoL/Survivorship 2: Quick Pitch

Session Date/Time: Oct 1, Tuesday, 12:45 pm-1:45 pm (EST)

Clark M, Harms J, Vasylytsiv R, Gladstone D, Kraus J, Zhang R, Bruza P: Scintillation Imaging Dosimetry for High-Temporal Resolution Error Detection During UHDR Proton Beam Delivery.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Oral, abstract no. 64697

Scientific Session Number: SS 43

Scientific Session Title: Phys 7: Best of Physics

Session Date/Time: TBD, 10:30 am (EST)

Decker S, Andreozzi J, Hernandez D, **Alexander D**, Wickramasinghe V, Hachadorian R, Oraiqat I, **Chen E**, Washington I, **Zhang R, Jarvis L, Bruza P, Gladstone D, Pogue B:** Addressing the Impact of Skin Pigmentation on Quantitative Cherenkov Dosimetry in the First Diverse Patient Imaging Study.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Quick Pitch Oral, abstract no. 62121

Scientific Session Number: QP 27

Scientific Session Title: Phys 14: Imaging & Immobilization

Session Date/Time: Oct 1, Wednesday, 12:30 pm-1:30 pm (EST)

Gill G, Gates L, Marshall B, Rose M, Jarvis L: Impact of Standardized Structure Templates on Violations for Radiation Plans Submitted to Cooperative Group Clinical Trials.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Quick Pitch Oral, abstract no. 64817

Scientific Session Number: QP 14

Scientific Session Title: Patient Safety 2: From Time Tracking to AI: Let's Drive Safer Treatments Together

Session Date/Time: Oct 1, Tuesday, 4:00 pm-5:00 pm (EST)

Willyard J: Building an Operational Quality Enterprise for Radiation Oncology: Approaches, Tools, and Techniques.

Society of Radiation Oncology Administrator's, Annual Meeting, 2024

Session Date/Time: Sept. 29, Sunday, 9:45 am (EST)

POSTER PRESENTATIONS

Bergman D, Gayne A, McNamara C, Kapadia N: Funded Radiation Oncology Visiting Medical Student Electives: A Cross-Sectional Analysis.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 61346

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 8:00 am-9:00 am (EST)

Gill G, Allison K, Bajaj B, Gallotto S, Lawell M Pattenon B, Baliga S, Wiltsie L, Ebb D, Tarbell N, MacDonald S, Yock T: Long Term Proton Therapy Outcomes in the Reirradiation Setting for Recurrent Pediatric Ependymoma.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 63619

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 8:00 am-9:00 am (EST)

Induni S, Soderholm HE, Pointer KB: Prognostic Factors in H3K7M-Mutant Diffuse Midline gliomas.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 3514

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 8:00 am-9:00 am (EST)

Lauder A, Decker S, Bruza P, Gladstone D, Jermyn M, Jarvis L: Cherenkov Imaging with a Predicted Surface Dose Overlay for Treatment Verification.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 63358

Poster Viewing Q&A Session Date/Time: Sept. 29, Sunday, 4:45 pm-6:00 pm (EST)

Madondo F, Sha B, Peasah-Darkwah G, Rosner GM, Huang T, Pointer KB: Selective hERG Inhibitor E-4031 and Ketoconazole Result in Radiation Sensitization in Glioblastoma Cells.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 63619

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 8:00 am-9:00 am (EST)

Matous A, Decker S, Zhang R, Gladstone D, Grove E, Williams B, Jermyn M, McVorrnan S, Jarvis L: Cherenkov Imaging Combined with Scintillation Dosimetry Provides Real-Time Positional and Dose Monitoring for Patients with Cardiac Implanted electronic Devices.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 62147

Poster Viewing Q&A Session Date/Time: Sept. 29, Sunday, 4:45 pm-6:00 pm (EST)

Rose M, Sachdeva R, Mezgueldi Y, Yen R, Serraj L, Corbett K, Yock T: Systematic Review and Meta-Analysis of Adjuvant Radiation Dose for Pediatric Patients ($\leq 22y$) with Non-Metastatic Intracranial ependymomas.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 62036

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 8:00 am-9:00 am (EST)

Rose M, Yen R, Sha S, Van Citters A, Kapadia N: Self-Reported Financial Toxicity among Rural Cancer Patients Treated with Radiotherapy.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 62044

Poster Viewing Q&A Session Date/Time: Sept. 29, Sunday, 2:45 pm-4:15 pm (EST)

Sherry A, Lin T, McCaw Z, Beck E, Louzy R, Jaoude JA, Passy A, Miler A, Kupferman G, Fuller C, **Thomas C**, Koay E, Tang C, Msaouel P, Ludmir E: Off-Protocol Radiotherapy in Phase III Metastatic Solid Tumor Trials.

American Society for Radiation Oncology, 66th Annual Meeting, 2024, Poster no. 61041

Poster Viewing Q&A Session Date/Time: Sept. 30, Monday, 10:45 am-12:00 pm (EST)

FACULTY MODERATORS / SESSIONS

Zhang R, Jarvis L, Buchsbaum J, Mascia A, Kry S

Session Title: Contemporary FLASH-RT to its Clinical Translation

Session Type: Education

Session Date/Time: TBD

McVorrnan S

Role: Moderator

Presentation Title: Interview Season

Session Title: ASTRO-ARROP Medical Student Workshop

Session Date/Time: Saturday, Sept. 28, 2024, 2:10 pm – 3:00 pm

Pointer KM

Role: Moderator

Session No: QP 23

Session Title: CNS 3: Advances in Glioma, Spine, and Normal Tissue Toxicity

Session Date/Time: Tuesday, Oct. 1, 2024, 10:30 am – 11:30 am

Thomas CR Jr

Role: Panelist

Presentation Title: Expanding the Scope of Radiation Oncology Careers

Session Title: ASTRO-ARROP Medical Student Workshop

Session Date/Time: Saturday, Sept. 28, 2024, 4:00 PM

Thomas CR Jr

Role: Panelist

Presentation Title: Career Development in Academic Radiation Oncology

Session Title: Sped Mentoring

Session Date/Time: Monday, Sept. 30, 2024, 10:45 AM

<https://www.astro.org/meetings-and-education/micro-sites/2024/annual-meeting/experience/live-event/speed-mentoring>