



# City of Hope's Abstract Presentations

AT THE ASTRO ANNUAL MEETING 2024

September 29 to October 2, 2024



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City of Hope Orange County



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City of Hope Atlanta



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# City of Hope’s Abstract Presentations at the ASTRO Annual Meeting 2024

## SUNDAY, SEPTEMBER 29, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
8:30 to 8:40 a.m.	Quick Pitch Oral	Room 207 B	GU 4: GU Quick Pitch	QP 01: 1003	65163		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)	Savita Dandapani, M.D., Ph.D.
8:50 to 9 a.m.	Oral Scientific Session	Room 204	GYN 1: Developmental Therapies and Quality Assurance in Early Phase Gynecologic Clinical Trials	SS 02				Scott Glaser, M.D. ( <i>Discussant</i> )
2:45 to 4:15 p.m.	Poster Q&A	Hall C	Lung Cancer/Thoracic Malignancies and Diversity, Equity and Inclusion in Healthcare Poster Q&A	PQA 01	62753	2087	Negative Predictors for Surgery Following Induction Chemo-Immunotherapy in Patients with Stage 1b-3 NSCLC between 2017-2021	Jason Liu, M.D.
2:45 to 4:15 p.m.	Poster Q&A	Hall C	Lung Cancer/Thoracic Malignancies and Diversity, Equity and Inclusion in Healthcare Poster Q&A	PQA 01	63654	2147	Comparison of Perceptions of Barriers to Advancement for Women in Radiation Oncology between Men and Women Physicians	Andrew Tam, M.D.
4:45 to 6 p.m.	Poster Q&A	Hall C	Physics Poster Q&A	PQA 02	65185	2447	Commissioning of the Reflexion Positron Emission Tomography Guided Radiation Planning and Delivery System	William Watkins, Ph.D.
4:45 to 6 p.m.	Poster Q&A	Hall C	Physics Poster Q&A	PQA 02	64632	2298	Pre-Clinical Evaluation of a Ring Gantry-Based Linac with a Dual-Layer MLC for Total Marrow and Lymphoid Irradiation and Intensity-Modulated Total Body Irradiation for Pediatric Patients	Chunhui Han, Ph.D.
4:45 to 6 p.m.	Poster Q&A	Hall C	Physics Poster Q&A	PQA 02	65264	2299	Clinical Implementation of SCINTIX Biology-Guided Radiotherapy: A Single Institution Experience from Initial Patient Selection to First SCINTIX Delivery	Chunhui Han, Ph.D.
4:45 to 6 p.m.	Poster Q&A	Hall C	Physics Poster Q&A	PQA 02	64795	2328	Development of a Surface-Guided Radiation Therapy (SGRT) Objective Operational Motion (SOOM) Phantom for SGRT Systems	Haram Kim, M.S.
5:05 to 5:15 p.m.	Oral Scientific Session	Room 207 B	DHI 1: Exploring the Future of AI, Radiomics, and Deep Learning in Radiation Oncology Research	SS 10: 156	65267		The Fragility of Phase 3 Trials in Oncology	Yufei Liu, M.D., Ph.D.
5:23 to 5:35 p.m.	Education Session	Room 202	Update on ASTRO’s Partial Breast Irradiation Guidelines: Case-Based Interactive Discussion	EDU 09			Panel Discussion of Clinical Case Scenarios Addressing Implementation of Recommendations: KQ 1-4	Jose Bazan, M.D., M.S.

## MONDAY, SEPTEMBER 30, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
8 to 9 a.m.	Poster Q&A	Hall C	Gynecological Cancer, Pediatric Cancer, and Professional Development Poster Q&A	PQA 03	65014	3493	Template Based Transperineal Interstitial Brachytherapy for Gynecological Cancer: A Multi-Institutional Analysis of 319 Patients	Ryan Davis, M.D.
8 to 9 a.m.	Poster Q&A	Hall C	Gynecological Cancer, Pediatric Cancer, and Professional Development Poster Q&A	PQA 03	63582	3532	A Pilot Study of an Educational and Clinical Mobile Application for Patients Receiving Radiation Treatment	Colton Ladbury, M.D.
10:45 to noon	Education Session	Room 143	Best Practices in the Management of Oligometastatic and Oligoprogressive Liver Metastases	EDU 21				Percy Lee, M.D., FASTRO ( <i>Moderator</i> )

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MONDAY, SEPTEMBER 30, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
10:45 a.m. to noon	Oral Scientific Session	Room 150	Bio 3: Genomics and Biomarkers	SS 19				Yun Li, M.D., Ph.D. (Co-Moderator)
10:45 a.m. to noon	Poster Q&A	Hall C	Palliative Care and Central Nervous System Poster Q&A	PQA 04	63574	2487	Efficacy of Stereotactic Body Radiation Therapy (SBRT) to Prolong Systemic Therapy (ST) for Patients with Oligoprogressive (OP) Metastatic Breast Cancer (MBC)	Jose Bazan, M.D., M.S.
10:45 a.m. to noon	Poster Q&A	Hall C	Palliative Care and Central Nervous System Poster Q&A	PQA 04	62113	2503	Identification of Triapine as a Novel Radiosensitizer in Glioblastoma	Tiantian Cui, M.D., Ph.D.
11:20 to 11:35 a.m.	Education Session	Room 143	Best Practices in the Management of Oligometastatic and Oligoprogressive Liver Metastases	EDU 21			Best Practice for the Use of Advanced Surgical Techniques and Approaches in Liver-Directed Therapies for Limited Liver Metastases	Gagandeep Singh, M.D.
2:10 to 2:20 p.m.	Late Breaking Oral Scientific Session	Ballroom A/B/C	Plenary Session	PL 01	65951		Concurrent Chemoradiation +/- Atezolizumab (atezo) in limited-stage small cell lung cancer (LS-SCLC): Results of NRG Oncology/Alliance LU005	Kristin Higgins, M.D.
3 to 4 p.m.	Poster Q&A	Hall C	Breast Cancer and Nonmalignant Disease Poster Q&A	PQA 05	64779	2654	Over Treatment of Stage 1, Node-Negative, Hormone-Sensitive Breast Cancer? Analysis of Techniques and Doses at a Comprehensive Cancer Center with Community Network Affiliates	Jose Bazan, M.D., M.S.
3 to 4 p.m.	Poster Q&A	Hall C	Breast Cancer and Nonmalignant Disease Poster Q&A	PQA 05	64793	2749	Accelerated Partial Breast Irradiation for Low-Risk Hormone-Sensitive Breast Cancer is Underutilized but Increasing in the National Cancer Database 2010-2021	Peter Wu, M.D.
3:50 to 4 p.m.	Oral Scientific Session	Room 145	Phys 3: Biological Imaging	SS 22: 230	62637		Feasibility of Biology-Guided Radiotherapy with Gallium-68 PSMA-11 Radiotracer for Bony Metastases in Prostate Cancer Patients	Chunhui Han, Ph.D.
5 to 6 p.m.	Poster Q&A	Hall C	Biology and Patient Reported Outcomes/QoL/Survivorship Poster Q&A	PQA 06	65001	2910	Radiobiology Population Modeling of Intestinal Stem Cells and Intestinal Epithelial Cells to Predict Radiation Induced Toxicity	William Watkins, Ph.D.
5 to 6 p.m.	Poster Q&A	Hall C	Biology and Patient Reported Outcomes/QoL/Survivorship Poster Q&A	PQA 06	62342	2889	Survey of Sexual Health Concerns among Patients with Treatment-Naïve Prostate Cancer	Andrew Tam, M.D.
5 to 6 p.m.	Poster Q&A	Hall C	Biology and Patient Reported Outcomes/QoL/Survivorship Poster Q&A	PQA 06	63766	2865	Focused CRISPR Activation-Based Screening to Identify Novel Targets of Chemoradiation Resistance in Pancreatic Cancer	Sindhu Nair, Ph.D., DMD
5 to 6 p.m.	Poster Q&A	Hall C	Biology and Patient Reported Outcomes/QoL/Survivorship Poster Q&A	PQA 06	62137	2922	Fanconi Anemia Complementation Group I (FANCI) Mediates Oncogenic BRAF-Driven Radiation Resistance in Thyroid Cancer	Linlin Yang, M.D., Ph.D.
5 to 6 p.m.	Poster Q&A	Hall C	Biology and Patient Reported Outcomes/QoL/Survivorship Poster Q&A	PQA 06	62172	2822	Impact of Mental Health on Long-Term Patient-Reported Outcomes and Quality of Life after Head and Neck Radiation	Ari Kassardjian, M.D.
5:10 to 5:20 p.m.	Oral Scientific Session	Room 144	Heme 1: Glowing results: Clinical Trials of Radiation in Lymphoma	SS 27: 253	62796		Phase 2 Trial of TMLI 20 Gy in Combination with Cyclophosphamide and Etoposide in Patients with Poor-Risk Acute Leukemia	Jeffrey Wong, M.D., FASTRO

TUESDAY, OCTOBER 1, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
12:45 to 2 p.m.	Poster Q&A	Hall C	Gastrointestinal Cancer and Sarcoma/Cutaneous Tumors Poster Q&A	PQA 07	65053	2976	A Randomized, Phase 2 Clinical Trial of Time-Restricted Diet vs. Dietary Counseling to Improve Effect of Radiotherapy (TIDIER)	Nicholas Eustace, M.D., Ph.D.
12:45 to 2 p.m.	Poster Q&A	Hall C	Gastrointestinal Cancer and Sarcoma/Cutaneous Tumors Poster Q&A	PQA 07	64614	2975	Microbiome Diversity as a Predictor of Radiation Response and Toxicity in Rectal Cancer	Nicholas Eustace, M.D., Ph.D.

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TUESDAY, OCTOBER 1, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
12:45 to 2 p.m.	Poster Q&A	Hall C	Gastrointestinal Cancer and Sarcoma/Cutaneous Tumors Poster Q&A	PQA 07	63617	3030	Preliminary Study on Biology-Guided Radiotherapy Planning for Metastatic Liver Lesions Using a Novel O-Ring PET Linac Platform	An Liu, Ph.D.
12:45 to 2 p.m.	Poster Q&A	Hall C	Gastrointestinal Cancer and Sarcoma/Cutaneous Tumors Poster Q&A	PQA 07	63694	3078	Prognosis and Treatment Outcomes of Oligometastatic Melanoma with Intracranial Involvement	Andrew Tam, M.D..
12:45 to 2 p.m.	Poster Q&A	Hall C	Gastrointestinal Cancer and Sarcoma/Cutaneous Tumors Poster Q&A	PQA 07	63586	3006	Efficacy and Safety of Concurrent Radioimmunotherapy for Locally Advanced and Metastatic Cutaneous Squamous Cell Carcinoma	Ari Kassardjian, M.D.
1:25 to 1:35 p.m.	Quick Pitch Oral	Room 144	Heme 3: I will take Hem Rad Onc Potpourri for \$1000	QP 09: 1062	63686		Radiation-Related Late Toxicities Following Total Marrow Irradiation Transplant Conditioning Regimens <b>Recipient of the 2024 Annual Meeting Abstract Award</b>	Colton Ladbury, M.D.
1:25 to 1:35 p.m.	Oral Scientific Session	Room 147	Lung 4: Clinical Trials of SBRT and Hypofractionation for NSCLC	SS 32: 287	60430		Accelerated Hypofractionated Chemoradiation Followed by Stereotactic Ablative Radiotherapy Boost for Locally Advanced Unresectable Non-Small Cell Lung Cancer: Final Results from a Nonrandomized Controlled Clinical Trial	Percy Lee, M.D., FASTRO (Moderator)
1:25 to 1:35 p.m.	Oral Scientific Session	Room 152	Phys 5: Response Assessment	SS 30: 274	64942		Evaluation of Immune System Plasticity with a Multi-Compartment Model of Immuno-Positron Emission Tomography	William Watkins, Ph.D.
2:30 to 3:45 p.m.	Poster Q&A	Hall C	Genitourinary Cancer, Patient Safety, and Nursing/Supportive Care Poster Q&A	PQA 08	63681	3202	Patterns of Leukopenia in Men with Prostate Cancer Receiving Definitive Pelvic Irradiation	Ari Kassardjian, M.D.
4 to 5 p.m.	Poster Q&A	Hall C	Hematologic Malignancies and Digital Health Innovations Poster Q&A	PQA 09	64995	3363	Automated Extraction of PSA Values from Unstructured Medical Records with a Large Language Model for Cancer	Nicholas Eustace, M.D., Ph.D.
4 to 5 p.m.	Poster Q&A	Hall C	Hematologic Malignancies and Digital Health Innovations Poster Q&A	PQA 09	63713	3392	Trends in Radiation Fractionation for Early-Stage Follicular or Marginal Zone Lymphoma	Colton Ladbury, M.D.
4 to 5 p.m.	Poster Q&A	Hall C	Hematologic Malignancies and Digital Health Innovations Poster Q&A	PQA 09	63923	3448	Radiation to Sites of Skeletal Involvement in Large B CellLymphoma: Trends and Impact on Survival	Kim Vo, D.O., M.S.
5:15 to 5:25 p.m.	Quick Pitch Oral	Room 152	Bio 5: Genomics and Biomarkers II	QP 18: 1101	62834		Cu-64-Anti-CEA M5A as a Novel Theranostics PET Imaging Agent Pre and Post Neoadjuvant Radiotherapy in Advanced Rectal Cancer	Jeffrey Wong, M.D., FASTRO
5:15 to 6:15 p.m.	Quick Pitch Oral	Room 151	CNS 4: Brain Mets and LMD	QP 16				Stephanie Yoon, M.D. (Co-Moderator)

WEDNESDAY, OCTOBER 2, 2024

Time	Session Type	Location	Session Title	Session No.	Abstract No.	Poster Board No.	Publishing Title	Presenter
10:30 to 11:45 a.m.	Poster Q&A	Hall C	Head & Neck Cancer and Health Services Research/Global Oncology Poster Q&A	PQA 10	65117	3632	Trajectory of Geriatric Assessment and Quality of Life in Older Adults Undergoing Definitive Treatment for Head and Neck Cancer: A Pilot Study	Ryan Davis, M.D.

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- Fax a referral request letter with a patient face sheet to **844-264-4357**.
- Complete a referral request for a patient appointment at [cityofhope.org/make-an-appointment](https://cityofhope.org/make-an-appointment).
- For more information or questions for California patients, please email [SoCalNewPatientReferrals@coh.org](mailto:SoCalNewPatientReferrals@coh.org).

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in the patients' City of Hope® chart. Request your EpicCare Link account at [cityofhope.org/epiccare](https://cityofhope.org/epiccare).



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