

UTDRO RESEARCH DAY SCHEDULE

Details: May 16, 2022, 12:00 pm – 4:00 pm

Location: Zoom

Time	Total Length	Main Room	
12:00 PM	10 mins	<i>UTDRO Chair Welcome - Fei-Fei Liu, UTDRO Chair</i> <i>Opening Remarks, Tribute to Richard Hill, Keynote Introduction - Michael Milosevic, UTDRO Vice Chair Research</i>	
12:10 PM	45 mins	<i>Keynote Speaker</i> Global Radiotherapy: How Can We Level the Playing Field? - Dr. Ananya Choudhury, PhD, MRCP, FRCR	
12:55 PM	10 mins	<i>Break</i>	
Time	Total Length	Stream A	Stream B
01:05 PM	40 mins	Oral Presentations: Section 1 <i>(Moderated by Shane Harding)</i>	Oral Presentations: Section 2 <i>(Moderated by Jennifer Croke)</i>
		1. The Role of PRDX4 in Regulating Immune Responses Through DNA Damage in Pancreatic Cancer Lucie Malbeteau	5. Mature Local Control and Reirradiation Rates Comparing Spine Stereotactic Body Radiotherapy to Conventional Palliative External Beam Radiotherapy K. Liang Zeng
		2. Circulating HPV DNA Kinetics Predict Clinical Outcomes in a Large Cohort of Radiotherapy-Treated p16-Positive Oropharyngeal Cancers Eric Zhao	6. Five-Fraction Stereotactic Ablative Radiotherapy to the Pelvis and Prostate with Focal Intra-Prostatic Boost: Outcomes of the 5STAR Clinical Trial Rohann Correa
		3. Measurement of Tumor Hypoxia in Patients with Non- Small Cell Lung Cancer Using PET with 18F-FAZA Avipsa Das	7. Clinical Outcomes of Dose-Painted Radiotherapy in Muscle Invasive Bladder Cancer Inmaculada Navarro
		4. Unilateral Versus Bilateral Radiotherapy for HPV Positive Oropharyngeal Carcinoma: Impact on Long Term Symptom Burden Ionut Busca	8. Evaluating Magnetic Resonance Imaging (MRI)-only Simulation and Planning for Fiducial-Based Prostate Stereotactic Body Radiotherapy (SBRT) Allan Hupman
1:45 PM	10 mins	Rapid-fire Presentations 1: Posters 1 – 7 <i>(Moderated by Shane Harding)</i>	Rapid-fire Presentations 2: Posters 8 – 14 <i>(Moderated by Jennifer Croke)</i>
1:55 PM	10 mins	Break	

UTDRO RESEARCH DAY SCHEDULE [CON'T]

Details: May 16, 2022, 12:00 pm – 4:00 pm

Location: Zoom

Time	Total Length	Stream A	Stream B
2:05 PM	40 mins	Oral Presentations: Section 3 (Moderated by Andrea McNiven)	Oral Presentations: Section 4 (Moderated by Moderated by Lori Holden)
		9. Daily Adaptive Replanning with Dose Accumulation for Prostate Ultra-Hypofractionated Radiotherapy Using Machine Learning Automated Planning on CBCT Maryam Golshan	13. Investigation of Dose Distribution of Uniformly and Non- Uniformly Loaded Generic and Notched Eye Plaques with Monte Carlo Simulations Oleksii Semeniuk
		10. Feasibility of Machine Learning Automated Treatment Planning for Magnetic Resonance Guided Radiation Therapy in Prostate Cancer Aly Khalifa	14. Management of Radiotherapy Patients with Cardiovascular Implantable Electronic Devices: A National Survey of Multi- Disciplinary Radiation Oncology Professionals Amir Safavi
		11. Individualized Prediction of Distant Metastases Risk in Oral Cavity Carcinoma: A Validated Predictive-Score Model Badr Id Said	15. Final Results of an International Delphi Consensus Study Regarding the Optimal Management of Radiation Pneumonitis Indu Voruganti
		12. Automatic Segmentation for Targets and OARs in Cervical High Dose Rate (HDR) Brachytherapy via Deep Learning Techniques Ruiyan Ni	16. The Effects of a Curriculum Change on Peer Mentorship Among Radiation Oncology Residents David Mak
2:45 PM	10 mins	Rapid-fire Presentations 3: Posters 15 – 20 (Moderated by Andrea McNiven)	Rapid-fire Presentations 4: Posters 21 - 26 (Moderated by Lori Holden)
Time	Total Length	Main Room	
2:55 PM	5 mins	Closing Remarks and Poster Hall Opening William Tran, Program Co-Chair	
Time	Total Length	Breakout Rooms	
3:00 PM	1 hour	Poster Hall	
4:00 PM		Event End	

UTDRO RESEARCH DAY POSTERS

Rapid-fire Presentation: May 16, 2022, 1:45 pm – 1:55 pm [Posters 1 – 16]

Poster Hall: May 16, 2022, 3:00 pm – 4:00 pm

Location: Zoom

Rapid Fire Presentations 1: Posters 1 – 7 (Stream A)

Poster #	Abstract Title	Presenter
1	Safety and Efficacy of Stereotactic Body Radiotherapy for Ultra-Central Thoracic Tumours	George Li
2	Dosimetric Outcomes for Adaptive Prostate SBRT on MR-Linac: The Time Taken for Contouring and Re-planning Makes a Difference	Eyesha Younus
3	Review of 20 Years of Adult Medulloblastoma Treatment at a High-Volume Center – Chemotherapy Prescription Trends and Survival	Marissa Sherwood
4	Commissioning of the Elekta Symmetry 4D Cone Beam Mode	Eric Christiansen
5	Unanticipated Radiation Re-planning for Stage III Non-small Cell Lung Cancer	Melinda Mushonga
6	Predictive Factors for Survival and Radiation Necrosis in Patients with Recurrent High-Grade Glioma Treated with Re-Irradiation	Daniel Palhares
7	Selection of a Stereotactic Radiosurgery Technique Using a Target Volume Regularity Index	Charmaine Cruje

Rapid Fire Presentations 2: Posters 8 – 14 (Stream B)

Poster #	Abstract Title	Presenter
8	Evaluating Multidisciplinary Peer Review: A Retrospective Study of Plan Modifications in Radical and Palliative Intent Radiation Therapy Treatments	Adrian Cozma
9	Frameless Cobalt60-Based Hypofractionated Stereotactic Radiosurgery (HSRS) for Brain Metastases: Impact of Dose and Volume	Michael Yan
10	Impact of MGMT Promoter Methylation Status on Tumor Dynamics during Weekly Adaptive Radiotherapy for Glioblastoma	John Hudson
11	Estimating Prevalence of Oligometastases at Initial Staging of Neuroendocrine Tumors- Findings from a 68Ga DOTATATE PET (Ga68PET) Population-Based Registry	Sarah Murad
12	Perspectives of Patients with Metastatic Lung Cancer on Symptom Screening and Patient-Reported Symptom Trajectory Data	Amir Safavi
13	Outcomes of Extracranial Oligorecurrence after Prior Metastases Directed Stereotactic Body Radiotherapy for Oligometastatic Disease	Jonathan Peng
14	A Total Inverse Planning Paradigm: Prospective Trial Evaluating the Performance of a Novel 3D-Printed Head Immobilization Device Generated from MR Imaging	Paola Anna Jablonska

UTDRO RESEARCH DAY POSTERS [CON'T]

Rapid-fire Presentation: May 16, 2022, 2:45 pm – 2:55 pm [Posters 15-26]

Poster Hall: May 16, 2022, 3:00 pm – 4:00 pm

Location: Zoom

Rapid Fire Presentations 3: Posters 15-20 (Stream A)

Poster #	Abstract Title	Presenter
15	Early Clinical Effectiveness, Toxicity, and Quality of Life Outcomes of Magnetic Resonance Imaging-Guided Stereotactic Ablative Radiotherapy: A Systematic Review	Amir Safavi
16	Daily Assessment of On-Treatment Tumour Regression by Cone Beam CT Suggests Prognostic Dynamic Biomarkers in Nasopharyngeal Cancer	Eric Zhao
17	Early Institutional Experience of Ultra-Hypofractionated Breast Radiotherapy in a Large Academic Cancer Centre	Hiba Othman
18	The Modern Management of Large Brain Metastases: A Review	Bryce Thomsen
19	Tumour Specific Growth Rate as a Predictor of outcomes in Oligo-Progressive Disease Treated with Stereotactic Body Radiotherapy	Inmaculada Navarro
20	Salvage Interstitial Brachytherapy for Treatment of Recurrent Endometrial Cancers in The Vagina: 7-Year Single Institution Experience	Marissa Sherwood

Rapid Fire Presentations 4: Posters 21 – 26 (Stream B)

Poster #	Abstract Title	Presenter
21	Clinical Outcomes of Metastatic Breast Cancer Patients Post Hypo-fractionated Ablative Liver Radiotherapy	Melinda Mushonga
22	Development and validation of an automated dose-of-the-day method for MRI-guided SBRT of UGI patients	Oleksii Semeniuk
23	Graphical User Interface (GUI) Development for Deep Learning Assisted Algorithm for Catheter Reconstruction During MR-Only Gynecological Interstitial Brachytherapy	Kaiming Guo
24	Optimization of Catheter Placement for Transperineal Interstitial Gynaecological Brachytherapy	Jill Bennett
25	Partial Breast Re-Irradiation Using Ultra Hypofractionation: A Phase 2 Multi-Institutional, International Study	Fadwa Abdel Rahman
26	Timing of Radiation Pneumonitis in patients receiving Immune checkpoint inhibitors	Melinda Mushonga