

Programme

The full programme overview is displayed below, and by clicking into a session you can access the following:

- Programme information including session details and themes.
- Speakers including presentation time and session.

If you would like to download a copy of the programme as a PDF this can be done by clicking the print button.

Sunday, August 25, 2019

	Debate 1	Debate 2
9:00 AM - 6:00 PM	Workshop 1: Xstrahl's SARRP User Meeting Session sponsored by Xstrahl Limited	
10:30 AM - 3:00 PM	Workshop 2: Extracellular Vesicles in Mediating Bystander and Systemic RT Effects (CONCERT)	
12:00 PM - 3:00 PM	Manchester Food Walk	
12:00 PM - 4:00 PM	City of Sport Tour	
3:30 PM - 4:30 PM	Plenary Lecture 1 Rob Bristow (University of Manchester, UK)	
4:30 PM - 5:15 PM	Debate: A Reliable Predictor of RT Response is a Holy Grail and Unattainable Speaker For: Ted Lawrence (University of Michigan, USA) Speaker Against: Soren Bentzen (University of Maryland, USA)	Debate: Potential Risks of Using LNT for Radiological Protection Speaker For: Cristian Tomasetti (John Hopkins University, USA) Speaker Against: Richard Wakeford (University of Manchester, UK)
5:15 PM - 6:00 PM	IJRB Session Session sponsored by Taylor & Francis	
6:00 PM - 7:30 PM	Welcome Reception	

Monday, August 26, 2019

	Basic Mechanisms	Translational Research	Radiotherapy	Health Effects & Ecology	Hot Topic
8:45 AM - 9:45 AM	Plenary Lecture 2 Prof. Fei-Fei Liu (University of Toronto, Canada)				
9:00 AM - 1:00 PM	Workshop 3: Nanomedicine for Radiation Therapy and Beyond: State of the State and Opportunities Within Reach				
9:45 AM - 10:30 AM	Award Lecture 1: IARR Henry S Kaplan Distinguished Scientist Award Recipient: Professor Dudley Goodhead				
10:00 AM - 1:00 PM	Discover Manchester Walking Tour				
10:30 AM - 11:00 AM	Refreshments 1				
11:00 AM - 12:30 PM	Parallel Session 1: DNA Repair	Parallel Session 1: Normal Tissue Radiobiology	Parallel Session 1: Second Cancers and Survivorship	Parallel Session 1: Radiation Induced Carcinogenesis: Basic Research	Parallel Session 1: Late Breaking Abstracts
12:30 PM - 1:30 PM	Lunch & Sponsor Talks 1				
1:00 PM - 1:30 PM	Flash Presentation Session 1				

	<u>Flash Presentation Session 2</u>				
1:30 PM - 2:15 PM	<u>Poster Session 1</u>				
2:00 PM - 6:30 PM	<u>Workshop 4: Radiation Effect on CNS During Infancy: Underlying Mechanisms and Implications on Quality of Life in Adult and Aging</u>				
2:15 PM - 3:00 PM	<u>Award Lecture 2: ICRU Twentieth Gray Medal</u> Recipient: Dr Eleanor Blakely				
	<u>Award Lecture 3: ARR Weiss Medal</u> Recipient: Professor Penny Jeggo				
3:00 PM - 4:30 PM	<u>Parallel Session 2: DNA Damage Signalling and Chromatin</u>	<u>Parallel Session 2: Radiation Response Modifiers</u>	<u>Parallel Session 2: Predicting RT Outcomes</u>	<u>Parallel Session 2: Radiation Induced Carcinogenesis: Epidemiology</u>	<u>Parallel Session 2: High LET and Molecular RT</u>
4:30 PM - 5:00 PM	<u>Refreshments 2</u>				
5:00 PM - 6:30 PM	<u>Parallel Session 3: Bystander and Signalling</u>	<u>Parallel Session 3: Targeting DNA Damage Response</u>	<u>Parallel Session 3: Radiotherapy Modifiers</u>	<u>Parallel Session 3: Biomarkers of Exposure and Disease</u>	<u>Parallel Session 3: Mitigation and Whole Body RT Effects</u>
6:00 PM - 7:00 PM	<u>Art Tour</u>				
6:00 PM - 7:30 PM	<u>Medical Manchester</u>				
7:00 PM - 9:00 PM	<u>MOSI Drinks Reception</u>				

Tuesday, August 27, 2019

	Basic Mechanisms	Translational Research	Radiotherapy	Health Effects & Ecology	Hot Topic
8:00 AM - 8:45 AM	<u>Parallel Teaching Session 1 - Repair of DNA Double Strand Breaks: Background, Logic and Necessities</u> Speaker: George Iliakis	<u>Parallel Teaching Session 1 - Basic Immunology for the Radiobiologist</u> Session sponsored by AstraZeneca Speaker: Jamie Honeychurch	<u>Parallel Teaching Session 1 - Genetics of Radiation Toxicity</u> Speaker: Christina Haston	<u>Parallel Teaching Session 1 - Human Health Effects</u> Speaker: Sarah Baatout	
8:45 AM - 10:15 AM	<u>Parallel Session 4: Radiation Exposure Signatures</u>	<u>Parallel Session 4: Preclinical Immune Response to Radiation</u>	<u>Parallel Session 4: Clinical Application of Particle Therapy</u>	<u>Parallel Session 4: Psycho-Societal Impact</u>	<u>Parallel Session 4: Normal Tissue and the Environment</u>
9:00 AM - 4:00 PM	<u>Liverpool & Cheshire Tour</u>				
9:00 AM - 6:00 PM	<u>Workshop 5: International Symposium on Chromosomal Aberrations ISCA12</u>				
10:15 AM - 10:45 AM	<u>Refreshments 3</u>				
10:45 AM - 12:15 PM	<u>Parallel Session 5: Basic Research into High LET and Protons</u>	<u>Parallel Session 5: Genomic Determinants: Radiation Response and Toxicity</u>	<u>Parallel Session 5: Fractionation Revisited</u> IRRS speaker sponsored by SpaceOAR	<u>Parallel Session 5: Immune Response to Low-Moderates Doses</u>	<u>Parallel Session 5: Basic Biology and Bystander</u>
12:15 PM - 1:15 PM	<u>Lunch + Sponsor Talks 2</u>				
12:45 PM - 1:15 PM	<u>Flash Presentation Session 3</u>				

	Flash Presentation Session 4				
1:15 PM - 2:00 PM	Poster Session 2				
2:00 PM - 3:00 PM	Plenary Lecture 3: From Earth to Mars and Back Again: How the Brain Responds to Clinical and Deep Space Radiation Exposure Prof. Charles Limoli (University of California, Irvine, USA)				
3:00 PM - 4:30 PM	Parallel Session 6: Neuro-Science and Space Research	Parallel Session 6: Exploiting Microbeams, Radiation Quality and Dose Rate for RT Session sponsored by LH Gray Trust	Parallel Session 6: Radiotherapy and Immunotherapy	Parallel Session 6: Radioecology: from Laboratory to Field	Parallel Session 6: Repair
4:30 PM - 6:00 PM	Workshop 6: Radiobiology Meets Radioecology: Evidence for Transgenerational and "Memory" Effects After low Doses of Ionising Radiation				
6:00 PM - 7:30 PM	ICRR 2019 Running Tour: Must See Manchester!				

Wednesday, August 28, 2019

	Basic Mechanisms	Translational Research	Radiotherapy	Health Effects & Ecology	Hot Topic
8:00 AM - 8:45 AM	Parallel Teaching Session 2 - Radiation Induced Lesions: Chemistry and Oxidative Damage Speaker: George Don Jones	Parallel Teaching Session 2 - Drug/Radiation Combinations, how to Produce Relevant Pre-Clinical Data Session sponsored by AstraZeneca Speaker: Anderson Ryan	Parallel Teaching Session 2 - Functional Assays Assessing Normal Tissue Toxicity: Molecular Markers to Imaging Speaker: Brian Marples	Parallel Teaching Session 2 - Environmental Radiation Protection Speaker: Carmel Mothersill	
8:45 AM - 10:45 AM	Parallel Session 7: Radiation Chemistry and Oxidative Damage	Parallel Session 7: Influence of Cancer Metabolism on RT	Parallel Session 7: Precision RT	Parallel Session 7: Non-Cancer Effects	Parallel Session 7: Therapeutic Targeting/Immune Response/Hypoxia
8:45 AM - 1:00 PM	Workshop 6 Continued: Radiobiology meets Radioecology: Evidence for Transgenerational and "Memory" Effects After low Doses of Ionising Radiation				
10:00 AM - 2:00 PM	Highlights of Cheshire Tour				
10:45 AM - 11:15 AM	Refreshments 4				
11:15 AM - 12:00 PM	Award Lecture 4: The Bacq and Alexander Award Recipient: Professor Markus Löbrich				
12:00 PM - 1:00 PM	Plenary Lecture 4: Cancer Risks From Radiation: Oncogenic Mutation Theories may not Apply When Human Epidemiology Data is Compared to Animal Data Dr Nori Nakamura (Radiation Effects Research Foundation, Japan)				
1:00 PM - 2:00 PM	Lunch & Sponsor Talks 3				
1:00 PM - 6:15 PM	Workshop 7: Molecular and Clinical Aspects of Individual Radiosensitivity				
1:30 PM - 2:00 PM	Flash Presentation Session 5				
	Flash Presentation Session 6				

2:00 PM - 2:45 PM	<u>Poster session 3</u>				
2:45 PM - 4:15 PM	<u>Parallel Session 8: DDR in Stem Cells</u>	<u>Parallel Session 8: Combined Treatment Modalities</u>	<u>Parallel Session 8: Molecular Imaging Involving Patients</u>	<u>Parallel Session 8: Toward an Ecosystem Approach for Environmental Protection</u>	<u>Parallel Session 8: Normal Tissue and the Environment</u>
4:15 PM - 4:45 PM	<u>Refreshments 5</u>				
4:45 PM - 6:15 PM	<u>Parallel Session 9: Non Coding RNA and Radiation Responses</u>	<u>Parallel Session 9: Targeting/Avoiding Cancer or Normal Stem Cells</u>	<u>Parallel Session 9: Targeting Normal Tissue</u>	<u>Parallel Session 9: Non-Targeted and Trans-Generational Effects</u>	<u>Parallel Session 9: Therapeutic Targeting/Immune Response/Hypoxia</u>
7:00 PM - 11:00 PM	<u>Gala Dinner</u>				

Thursday, August 29, 2019

	Basic Mechanisms	Translational Research	Radiotherapy	Health Effects & Ecology	Hot Topic
8:45 AM - 10:15 AM	<u>Parallel Session 10: Basic Research into Hypoxia</u>	<u>Parallel Session 10: Intercellular Signalling</u>	<u>Parallel Session 10: Modelling and Theranostics</u>	<u>Parallel Session 10: Low Dose/Dose Rate Effects</u>	<u>Parallel Session 10: Epidemiology</u>
10:15 AM - 10:45 AM	<u>Refreshments 6</u>				
10:45 AM - 12:15 PM	<u>Parallel Session 11: Modelling Basic Responses</u>	<u>Parallel Session 11: Tumours/Cancer Cell Detection</u>	<u>Parallel Session 11: Hypoxia - Clinical Studies</u>	<u>Parallel Session 11: Health Effects of Internal Exposures</u> <i>Sponsored by EURADOS</i>	<u>Parallel Session 11: High LET and Molecular RT</u>
12:15 PM - 1:15 PM	<u>Plenary Lecture 5</u> <u>Prof. Amato Giaccia (The University of Oxford, UK)</u>				
1:15 PM - 1:30 PM	<u>Congress Close & Awards</u>				
1:30 PM - 2:30 PM	<u>Lunch 4</u>				