

Newcastle University and Xstrahl Preclinical Irradiation Meeting 2025

Start	Finish		Presenter	Institute	Title
9:15	9:20	Opening remarks	Saimir Luli	Newcastle University	A welcome to Newcastle!
9:20	9:50	Key Note	Anthony Chalmers	University of Glasgow	Understanding and modifying radiation induced neuroinflammation and cognitive decline
Session 1 - Radiobiology 1			Presenter	Institute	Title
9:50	10:15	Talk 1	Lindsey Sloan	University of Minnesota	Translational Radiotherapy Paradigms in Pre-clinical Glioma Models
10:15	10:40	Talk 2	Sarvenaz Keshmiri	University Grenoble Alpes	Improved Glioblastoma Control via FUS-Mediated Carboplatin Delivery Combined with Radiotherapy
10:40	11:05	Talk 3			TBC
11:05	11:30	Coffee			
Session 2 - Radiobiology 2			Presenter	Institute	Title
11:30	11:55	Talk 4	Stephanie May	University of Glasgow	Developing and validating a preclinical platform for combining radiotherapy with systemic therapy in hepatocellular carcinoma
11:55	12:10	Talk 5	TBC	Newcastle University	Image guided RT of human liver samples
12:10	12:30	Talk 6	Karl Butterworth	Queens University Belfast	Investigating the spatial & temporal dependency of radiation cardiotoxicity using Xstrahl Systems
Technology Talk			Presenter	Institute	Title
12:30	12:45	Talk 7	Stefan van Hoof	SmART Scientific Solutions	Developments in Treatment Planning - Blind and guided

12:45	13:45	Lunch & Discussions		
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Session 3 - Managing core facilities & users!			Presenter	Institute	Title
13:45	14:10	Talk 8	Adamantia Fragkopoulou & Sofia Skyttner	Karolinska Institutet	Running a multi-system radiation core
14:10	14:30	Talk 9	Katrina Stevenson	University of Glasgow	SARRP Practicalities - From a user and facility manager
14:30	14:50	Talk 10	Saimir Luli	Newcastle	The Newcastle Centre for In Vivo Imaging
14:50	15:10	Talk 11	Rebecca Carter	UCL/City of London RadNet	Communication and collaboration at the CoL Radnet sites

15:10	15:40	Coffee		
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Technology Talk		Presenter	Institute	Title	
15:40	16:05	Talk 12	Merle Reinhart	Xstrahl	30 Years of Xstrahl
Session 4 - Technological Advances in Preclinical RT		Presenter	Institute	Title	

16:05	16:30	Talk 13	Thomas Schmid	TUM University Hospital, Technical University of Munich	Microbeam and Minibeam Radiotherapy Improves Local Tumor Control: Evidence from Experimental Studies in Mice Using the XenX/SARRP Platforms
16:30	16:55	Talk 14	TBC	TBC	TBC

16:55	Closing Comments			
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18:00 Dinner @ Blackfriars

26th November Tour of the The Newcastle Centre for In Vivo Imaging				
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9:30 12:00 Group tour of facility