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Seminar Programme „GRK 2762 / Radiation Sciences“

Venue: Institute of Cell Biology, Virchowstr. 173, 1st floor, seminar room 1.017

2025	Student chair	Lecture 5.00 – approx. 6.00 pm (incl. discussion)	Progress report approx. 6.00 – 6.30 pm (incl. discussion)	Signature
14 Jan	Merle Schaffrin & Zaher Fattah	Progress report session 3 <ul style="list-style-type: none"> • Ramtin Omid Shafaat: Interplay of exosomal miRNAs and genomic alteration in radiation response modulation and use as prognostic factors in NSCLC • Lisa Stasch: Establishment of complex spheroids and lung organoids as an alternative 3D in vitro model • Merle Schaffrin: KDM5B's role in creating synthetic vulnerabilities in combination with radiotherapy in melanoma cells 		
28 Jan	Janina Janetzko & Vuk Dinovic	Progress report session 4 <ul style="list-style-type: none"> • Nikita Gorainow: Optimizing combined radiotherapy with clinically relevant drugs for treating pediatric diffuse intrinsic pontine glioma (DIPG) • Julia Asche: Effect of KRAS gene dosage and molecular subtype on radiosensitivity in PDAC • Marina Martínez-Cruz: Role of molecular heterogeneity for radiation resistance and metastatic ability in NSCLC 		
11 Feb	Alireza Dostmohammadi & Lara Schmalenstroer	Kevin Thurley (University of Bonn) Data-driven modeling of immune-cell interaction networks in chronic inflammation		
25 Feb	Adila Apsara & Mario Hetzel	Urszula Cytlak-Chaudhuri (University of Manchester) Radiotherapy-induced toxicity of normal tissues		