

## Elective Track Interdisciplinary Oncology (WFT-IO)

<b>Title of the course / subject / lecturer</b>	<b>Block course 'Experimental/Molecular Pediatric Oncology'</b> <b>Prof. Dr. Dr. Thomas Grünewald, Dr. Florencia Cidre-Aranaz, Dr. Shunya Ohmura, Dr. Jing Li, Dr. Maximilian Knott</b>
<b>LSF#</b>	<b>359582</b>
<b>Veranstaltungsart</b>	Block course
<b>Description</b>	The one-week block course 'Experimental/Molecular Pediatric Oncology' is aimed at students of human medicine with an interest in experimental research. The block course is intended to teach the basics of experimental oncology as well as practical basic skills in everyday laboratory life. Course participants will independently carry out practical work in the laboratory under guidance, which includes the following methods: cell culture, extraction of nucleic acids, reverse transcription, PCR techniques, histological examinations, Western blot, basics in biomedical statistics. The block course specifically focuses on the experimental pediatric oncology of solid tumors.
<b>Pre-conditions</b>	none
<b>Date</b>	24 <sup>th</sup> -28 <sup>th</sup> March 2025 (winter semester 2024/25) 22 <sup>nd</sup> -26 <sup>th</sup> September 2025 (summer semester 2025)
<b>Time</b>	8:30–13:00 for 5 consecutive days
<b>Teaching unit</b>	4.5 hours per day
<b>Maximum no. of participants</b>	6
<b>Building, Room</b>	DKFZ, Division B410