

RTG3190 Teaching weeks

version 17.06.2026	Monday	Tuesday	Wednesday	Thursday	Monday	Tuesday	Wednesday	Thursday
	22.06.2026	23.06.2026	24.06.2026	25.06.2026	29.06.2026	30.06.2026	01.07.2026	02.07.2026
seminar room D16 (2nd floor)	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
09:00	Welcome & Exam	Lecture: Platelet signaling	Lecture: Microfluidic systems	Lecture: Intro to AI for biomedical research	Lecture: Thrombo-inflammation in clinical contexts	Lecture: Antibodies, subclasses, receptors, and species differences	Lecture: Megakaryocyte biology	Structure of the PhD
	Bender / Stegner	Nagy	Schulze	Zimmer	Schuhmann	Nieswandt	Bender	Heinze
09:45	Lecture: Platelet biology and receptor nomenclature	Lecture: Platelet assays for hemostasis	Discussion: Interpretation and limitations of platelet assays	Innate Immunity	Lecture: Stroke models and vascular readouts	Lecture: Intravital and advanced imaging	Lecture: Bone marrow microenvironment	Lecture: Statistics
	Nieswandt	Stegner	Schulze	Girbl	Schuhmann	Girbl	Bender	Schulze
	10:30 - 10:45 Break (Please bring your own drinks and snacks.)							
10:45	Lecture: Intro to thrombo-inflammation vs. immunothrombosis	Lecture: Platelet assays for thrombosis	Lecture: Point-of-care diagnostics	Adaptive Immunity	Lecture: Sepsis and cardiogenic shock	Lecture: Image analysis principles	Lecture: Lymphatic system and tertiary lymphoid structures	Data management
	Nieswandt	Stegner	Schulze	Gasteiger	Frey	Hemmen (Heinze Lab)	Zernecke-Madsen	Balkenhol (Heinze Lab)
11:30	Lecture: Good scientific practice	Lecture: scRNAseq and omics	Laser Safety	Lecture: Animal models	photo shoot			Final Q&A & Exam
	Stegner	Nagy	Schulze	Stegner	Portrait photos of the doctoral students for the RTG website		alternative date photo shoot	Bender / Stegner