

		Topic	Format	Instructor
Mon	20.mar	1 Basic physiology of blood and lymphatic vessels	CBCL	Bielenberg
		2 Introduction to angiogenesis (eye)	CBCL	Rogers
		3 How to Craft a Presentation/Course Assignment (Peer Review)	Lecture	Zetter/Watnick via Zoom
Tues		4 Introduction to cancer	CBCL	Bielenberg
		5 Cancer Biology 1: Tumor initiation	Lecture	Rogers
		6 Crafting your pitch	Lecture	Bielenberg
Wed		7 Tumor progression/angiogenesis	CBCL	Rogers
		8 Molecular signaling in vascular biology I: Tyrosine Kinases	Lecture	Swendeman
		9 Lymphatic vessel development and remodeling	TBD	Bielenberg
Thu		10 Molecular signaling in vascular biology II: GPCRs	TBD	Swendeman
		11 Neuropilins in angiogenesis	TBD	Bielenberg
		12 Seminar: Metastasis without a tumor	Lecture	Rogers
Fri		13 Tumor perfusion (HIF)	Lecture	Rogers
		14 Measuring angiogenesis/vessel function	TBD	Rogers/Bielenberg/Swendeman
		15 Proposal Workshopping (off thesis topic)		Rogers/Bielenberg/Swendeman
Mon	27.mar	16 Cancer Biology 2: Tumor metastasis	Lecture	Watnick
		17 History of Angiogenesis	Lecture	Panigrahy
		18 Bridging the gap between science and medicine by disease-focused research	Lecture	Smith
Tues		19 TME (including Angiocrine Signaling)	TBD	Watnick
		20 Non-invasive biomarkers and bringing them from bench to bedside	TBD	Smith
		21 Mentoring	Lecture	Panigrahy
Wed		22 History of Inflammation	Lecture	Panigrahy
		23 Axon guidance factors and tumor invasion	TBD	Smith
		24 Fundamentals of Proposal Writing	Lecture	Watnick
Thur		25 Immune-angiogenic interaction	TBD	Watnick
		26 Inflammation and cancer (w/Notch)	TBD	Panigrahy
		27 Seminar: Learning from tumor to treat stroke	Lecture	Smith
Fri		28 Anti-angiogenic treatment in Clinical Practice	Lecture	Straume
		Student Presentations	Lecture	Watnick/Panigrahy/Smith/others via Zoom
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