

PACT Summer School 2022 - Time Schedule

	Morning 09:00 - 12:00	Afternoon 13:00 - 17:00/18:00
Monday 04.07.2022	Sylvia Nürnberger, Isabel Casado, Marian Fürsatz - Medical University and LBI Trauma, Vienna	
	<u>Lecture:</u> "Cartilage defects and regeneration approaches"	<u>Lecture:</u> "Imaging – Cartilage, 3D cultures, Cell culture, Materials"
	<u>Hands-on:</u> Chondrocyte isolation and in vitro culture systems for cartilage tissue engineering	<u>Hands-on:</u> Imaging and biocompatibility of biomaterials
Welcome Cocktail @ BOKU Campus		
Tuesday 05.07.2022	Susanne Wolbank, Asmita Banerjee, Adelheid Weidinger - LBI Trauma, Vienna	
	<u>Lectures:</u> 1. "Stem cells from human "waste material"" 2. "Our brief history of the human amniotic membrane" 3. "Analyzing mitochondrial function of cells"	<u>Hands-on:</u> Human amniotic membrane - preparation and characterization
Wednesday 06.07.2022	Michael Comer - PACT Chairman Alfons Felice - DirectSens GmbH	
	<u>Workshop:</u> Entrepreneurship	Iris Gerner - VetMed University, Vienna <u>Lecture:</u> "Veterinary Medicine: Animal models and clinical applications"
	<u>Guided tour:</u> VetMed University, Vienna	
Dinner @ Ufertaverne (1210 Vienna)		
Thursday 07.07.2022	Wolfgang Holthoner - LBI Trauma, Vienna Andreas Spittler - Medical University, Vienna	
	<u>Lectures:</u> "Vascular Tissue Engineering and Extracellular Vesicles" "Extracellular Vesicles & Flow Cytometry - Two Worlds Collide: What can go wrong when small particles are measured by flow cytometry"	Sabrina Summer - Danube University, Krems Magdalena Billerhart - BOKU University, Vienna <u>Hands-on:</u> Isolation of endothelial cells from the umbilical cord "Extracellular Vesicles & Flow Cytometry - Two Worlds Collide: What can go wrong when small particles are measured by flow cytometry"
Friday 08.07.2022	Antonia Müller - Medical University, Vienna Michael Fischer - Danube University, Krems & Medical University Vienna	
	<u>Site visit:</u> at the MUW-AKH Level 4i and Station 21 I/J a.) Clinic of Transfusion Medicine and Blood Group Serology, b.) Stem Cell Transplant Unit – ('KMT Station')	Regina Grillari - Evercyte GmbH, Vienna Michael Fischer - Danube University, Krems <u>Lectures:</u> "New aspects of stem cell research and therapies" "Advanced protocols for stem cell isolation and immortalisation - from cells to particles" Conclusion, feedback and closing remarks
"Happy Hour Cocktail" @ BOKU Campus		