Press release

Brandenburgische Technische Universität Cottbus-Senftenberg

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Press events, Scientific conferences

Biology, Medicine, Nutrition / healthcare / nursing

transregional, national

Symposium on biotechnological developments of tissue and blood cells

On May 20 and 21, 2022, the 40th Annual Meeting of the German Society for Clinical Microcirculation and Hemorheology will be held at the Senftenberg Campus of BTU Cottbus-Senftenberg. For the first time, it will be organized jointly with the 7th Annual Meeting of the German Society for Cellular Biotechnology at the Institute of Biotechnology.

The meeting is traditionally oriented to the scientific interests of the members: Biology, pathophysiology, preclinical and clinical studies, the interaction of cells/tissues with artificial surfaces, surgical and conservative therapy of arterial and venous circulatory disorders, and contrast-enhanced ultrasound (CEUS) to study the microcirculation of internal organs. Following the research focus of this year’s annual meeting president, Prof. Jan-Heiner Küpper, there will be a main session on biotechnological developments in tissue and blood cells. In keeping with the interdisciplinary nature of the Society, there will also be opportunities to address specific methodological problems as well as the full clinical spectrum of hemorheological, hemostaseological, and microcirculatory diseases.

A special highlight of the conference will be the lecture by Prof. Ernst-Michael Jung from Regensburg: Using state-of-the-art ultrasound technology, he was able to detect vascular changes in Covid-19 diseases: Lung changes can often be detected very early by lung ultrasound and controlled in the course. In addition, peripheral thrombosis is considered a possible cause of pulmonary embolism in Covid-19 patients. These can be easily detected by high-resolution ultrasound. Furthermore, vascular complications in the abdomen in the form of thromboses and (micro-)organ infarctions could be demonstrated.

Members of the Institute of Biotechnology at the BTU will be giving a total of six keynote lectures and six "Speed Lectures" in the Programand present current results from their research to a broad audience at this interdisciplinary conference.

40th Annual Meeting of the German Society for Clinical Microcirculation and Hemorheology

7th Annual Meeting of the German Society for Cellular Biotechnology

Friday, May 20, 8:30 a.m. to 6 p.m., Saturday, May 21, 2022, 9 a.m. to 4:25 p.m.

Brandenburgische Technische Universität Cottbus - Senftenberg (BTU)

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Note for editors: Prof. Friedrich Jung (BTU, Secretary of the DGKMH), Prof. Ernst-Michael Jung (Regensburg) as well as Prof. Lukas Prantl (Regensburg, designated President of the German Society of Surgery) will be available for a press Q&A; on request Friday, May 20, 2022, around 1 pm. Please register via Dr. Sarah Kammerer, e-mail: Sarah.Kammerer@b-tu.de

contact for scientific information:
Staining of liver cells. CYP2C9 (red) is an important drug-metabolizing enzyme in the human liver. The cell nuclei are stained blue.