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**UNIVERSITÄT  
BERN**

The  
**UniBE Cluster for Cardiovascular Research**

is pleased to announce that

**PD Dr. Ruslan Hlushchuk**  
MicroCT-Group Leader, Institute of Anatomy, University of Bern

will give a **Seminar** entitled

***Ex vivo* microangioCT in preclinical research**  
**Tuesday 17<sup>th</sup> March 2020 at 4:30pm**

MEM building (Murtenstrasse 35), H813

*Everybody is welcome!*  
*Followed by an apéro!*

In this talk the latest developments in the microvascular imaging, namely, the microangioCT approach with a polymer-based contrast agent ( $\mu$ Angiofil) will be addressed. This approach allows time-efficient non-destructive 3D-imaging of the organ and its vasculature including the finest capillaries. Besides the superior visualization, the obtained detailed 3D information on the organ vasculature enables its 3D-skeletonization and further quantitative analysis.

*Ex vivo* microangioCT with  $\mu$ Angiofil is a relatively simple and straightforward tool with a broad application range for studying physiological and pathological alterations in the microvasculature of any organ. It provides microvascular imaging at outstanding level and enables correlative microscopy.

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