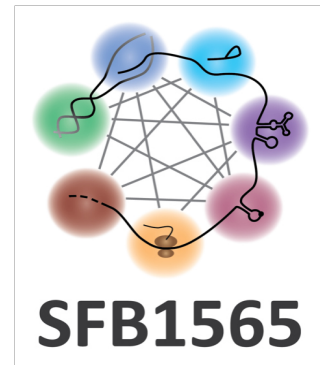




SFB1565 Seminar



Prof. Dr. Almut Schulze

Division of Tumor Metabolism and Microenvironment,
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Targeting metabolic plasticity and flexibility in cancer

We have applied metabolic and transcriptomic profiling as well as genetic screening techniques to identify specific metabolic vulnerabilities in cancer. These studies revealed essential roles for enzymes in glucose and lipid metabolism in promoting cancer cell viability, linking to processes of metabolic plasticity and stress resistance. We are also interested in studying the role of lipid metabolism in determining the sensitivity of cancer cells to oxidative stress. We will present recent findings on the identification of metabolic niches and on strategies to target metabolic plasticity and flexibility of cancer cells to induce growth arrest and ferroptosis.

Friday, May 22, 2026, 01:00 pm
Large Seminar Room, Faßberg-Campus, MPI-NAT,
Göttingen

Hosted by Dr. Sonja Lorenz