The Enlightened Heart:
Novel Optogenetic Methods to Investigate and Treat Cardiac Arrhythmias.

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Optogenetic methods use light-sensitive proteins for manipulation of cells and organs by light. In contrast to electrical field stimulation or pharmacological agents, optogenetic stimulation allows for a very high spatial and temporal precision because light can be focused to specific regions and the exact time of activation and deactivation is defined by onset and duration of illumination.

In this Science Lunch, Prof. Sasse will discuss novel optogenetic technologies and how these can be successfully applied in cardiovascular research. He will focus on investigation and termination of cardiac arrhythmia and also discuss potential translational aspects.

Wednesday, 02.11.2016
12:00 – 13:00h
Seminarraum 6 (1. UG)
Medizinische Klinik,
on campus: Mittelallee 11
Charité CVK, Augustenburger Platz 1, Berlin