

INVITED LECTURE

Holographic incoherent-light-source quantitative phase imaging and application in cancer research

Prof. Radim Chmelík and Dr. Daniel Zicha

WHEN

Fri, Nov 29th

9:30 - 10:00 Prof. R. Chmelík

10:00 - 10:30 Dr. D. Zicha

10:30 - 10:45 Discussion



CEITEC
BRNO UNIVERSITY
OF TECHNOLOGY

WHERE

Vídeňská 1083, Praha 4
Institute of Microbiology



Prof. Radim Chmelík



Dr. Daniel Zicha

ROOM

Lecture hall - "kinosál"

Professor R. Chmelík will introduce you the principles of **holographic incoherent-light-source quantitative phase imaging (QPI)**. QPI is a novel label-free microscopy technique bringing a completely new contrast into the live-cell imaging field. **Dr. D. Zicha** and his team exploit the potential of the **QPI technology in cancer research**. He will present how to utilize extracted information-rich quantitative data from unlabeled cells for the intensions of their current drug repurposing project.

**Don't miss this opportunity and
reserve a seat!**

Organizers

Matyas.Krijt@telight.eu

+420 778 424 139

Tomas.Grousl@biomed.cas.cz

REGISTRATION

- not mandatory

