

Recent Advances in Super-Resolution Microscopy: From Technologies to Applications

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In cooperation with Zeiss



1. The History of Fluorescent Microscopy
2. Choosing the Right Objective
- Lenses Matching Applications
3. Fluorescence Imaging - The Spectral Dimension
4. FCS - The Cross Correlation
5. Principles of Super-Resolution
- Improved Resolution, Speed and Sensitivity
6. Super-Resolution Imaging in Studying
Cellular Function and Dysfunction

Date: March 18th, 2020
9:30 a.m.

Location: Beckmanns Hof
Universitätsstrasse 150
44801 Bochum

Participants please register via Email to:
verian.bader@rub.de

Scientific coordinator:
Prof. Konstanze F. Winklhofer
Department of Molecular Cell Biology
Medical Faculty, Ruhr University Bochum



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