

# RESILIENCE RESEARCH

## HANS-ULRICH DODT

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### Isotropic 3D imaging of mouse brains, flies and human tumors by ultramicroscopy

Mittwoch, 22. November 2017  
12:00 Uhr

Seminar Raum 02.021 & 02.022, 2. OG, IMB  
Ackermannweg 4, 55128 Mainz  
Johannes Gutenberg Universität, Campus

Prof. Dr. Hans-Ulrich Dodt steht gerne für Gespräche zur Verfügung, Kontakt Prof. Lutz.

Host: Prof. Dr. Beat Lutz, Institut für Physiologische Chemie  
Tel. 06131 39-25912, Email: [beat.lutz@uni-mainz.de](mailto:beat.lutz@uni-mainz.de)

#### Referenzen:

**Dodt HU**, Leischner U, Schierloh A, Jährling N, Mauch CP, Deininger K, Deussing JM, Eder M, Zieglgänsberger W, Becker K (2007) Ultramicroscopy: three-dimensional visualization of neuronal networks in the whole mouse brain. *Nat Methods* 4: 331-6.  
Ertürk A, Mauch CP, Hellal F, Förstner F, Keck T, Becker K, Jährling N, Steffens H, Richter M, Hübener M, Kramer E, Kirchhoff F, **Dodt HU**, Bradke F (2012) Three-dimensional imaging of the unsectioned adult spinal cord to assess axon regeneration and glial responses after injury. *Nat Med* 18: 166-171.  
Ertürk A, Becker K, Jährling N, Mauch CP, Hojer C, Egen J, Hellal F, Bradke F, Sheng M, **Dodt HU** (2012) Three-dimensional imaging of solvent-cleared organs using 3DISCO. *Nat Protoc* 7: 1983-1995.