

THE SECRETS OF MAGNETIC RESONANCE IMAGING: FROM THEORY TO PRACTICAL APPLICATION

GUEST LECTURE by

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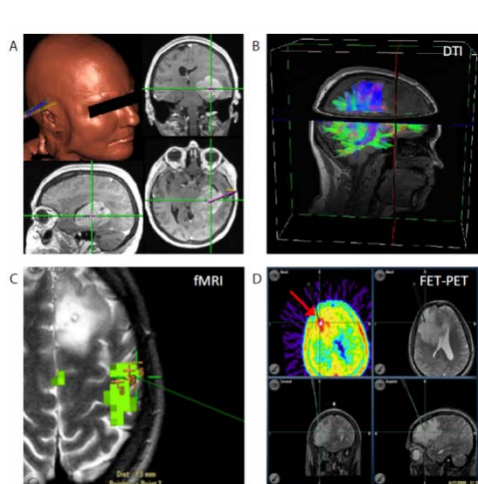
Department of Biomedicine,
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Friday, 13.11.2015

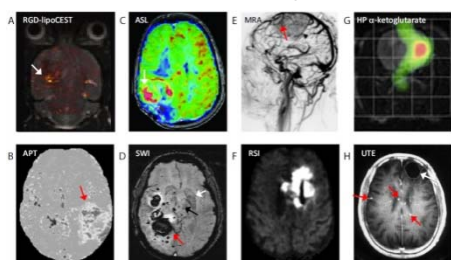
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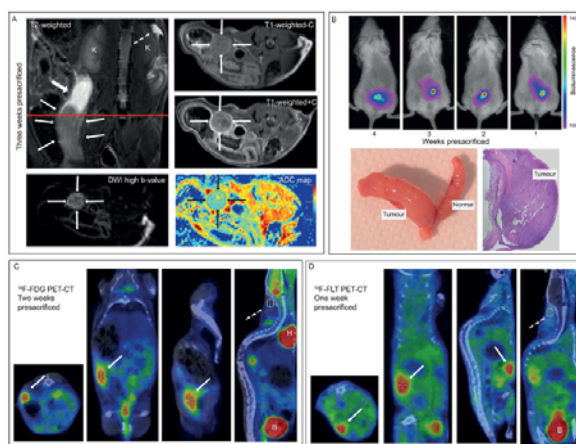
SR 44.31, ZMB-Centre of Molecular Biosciences
(Humboldtstrasse 48, 3rd floor), KFUG



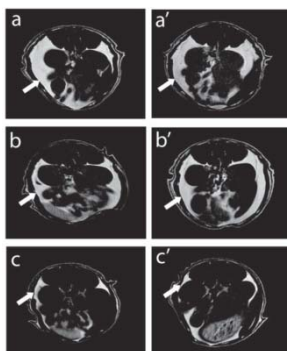
Pre-operative MRI and neuronavigation.



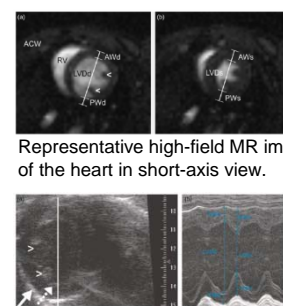
Advanced MR contrast mechanisms.
Multimodal imaging of gliomas in the context of
evolving cellular and molecular therapies. Keunen et al. (2014) Adv Drug Deliv Rev 76:98-115



Multimodal imaging of an orthopic mouse model of endometrial carcinoma by MRI, F-FDG, F-FLT PET and BLI. Haldorsen et al. (2015) PLoS one 10(8):e0135220

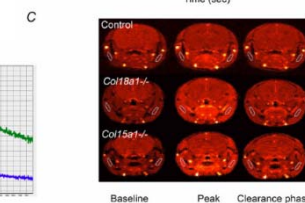
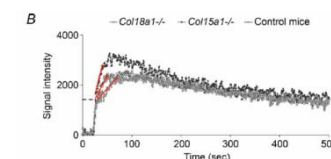


Representative MRI images from vehicle- and olanzapine-treated rats (adipose tissue marked with arrows). Skrede et al. (2012) Int J Neuropsychopharmacol 15:163-179



Representative high-field MR images of the heart in short-axis view.

Representative high-frequency echocardiograms of the left ventricle. Characterization of left ventricular function in mice. Amundsen et al. (2011) Lab Animals 45:31-37



Signal intensity curves and MR images of larger vessels.
Microvascular function and structure in collagen XV- and XVIII-deficient mice. Rygh et al. (2014) J Physiol 592(2):325-336