

X-ray microtomography

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Hello!

- Office B311 | haberthuer@ana.unibe.ch
- Master in Physics, then PhD in high resolution imaging of the lung at the Institute of Anatomy
- Post-Doc at the TOMCAT beamline of the Swiss Light Source at the Paul Scherrer Institute
- Post-Doc at the Institute of Anatomy in the μ CT-group
 - Ruslan Hlushchuk, David Haberthür, Oleksiy-Zakhar Khoma, Fluri Wieland, Carlos Correa Shokiche
- Biomedical research
 - microangioCT [1]: Tumor vasculature, angiogenesis in the heart, musculature and bones
 - Cancer research: Melanoma
 - Lung imaging: Tumor detection and classification
 - Physiology: Zebrafish musculature and gills [2]
 - SkyScan 1172 & 1272

[1] Hlushchuk2018.

[2] Messerli2019.

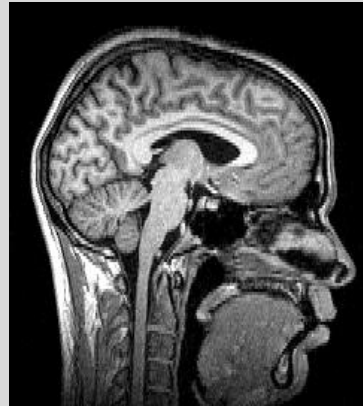
Contents


Biomedical imaging

Imaging

Biomedical imaging

- Medical research



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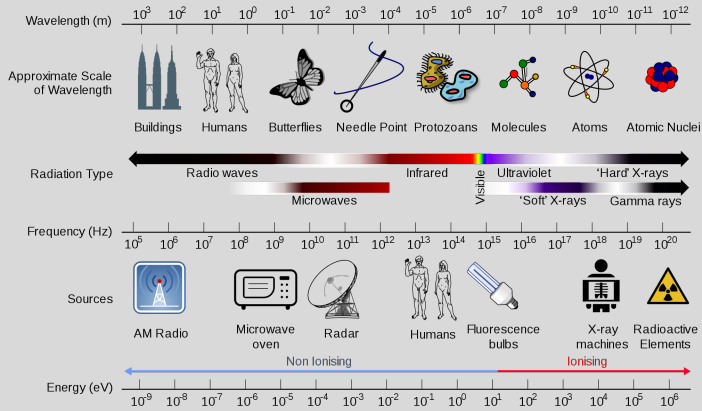
Biomedical imaging

- Medical research
- (Small) Biological samples

Biomedical imaging

- Medical research
- (Small) Biological samples
- Non-destructive insights into the samples

Wavelength & Scale



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