STRONG FUNCTIONALITY

- Segmentation
- Image processing
- Visualization
- Image fusion
- Quantification

ANY MODALITY

- CT, MRI, PET, SPECT, FRI, BLI, MPI, US
- Compatible with all vendors
- 30+ File formats: DICOM, Nifti, …
- Multimodal 2D, 3D, 4D, 5D Data

EASY TO LEARN

- Be productive in a day
- 80+ Tutorial videos
- 80+ Example data sets
- 50+ White papers

FAST INTERACTIVE WORKFLOW

- Uses available NVIDIA GPU
- Fast 2D and 3D rendering
- Support for large data sets

WORLD-WIDE ACCESS

- Windows, MacOS, Linux
- PC or Laptop
- Support via E-Mail & Zoom

ACHIEVEMENTS

- 250+ Publications
- 100+ Installations (pharma & academia)
- Extensible via Python

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https://www.imalytics.com

Imalytics Preclinical (YouTube)

https://www.linkedin.com/company/gremse-it/

Visit us

Gremse-IT

Imalytics Preclinical

Software for
biomedical image analysis

Purpose

Imalytics Preclinical is a software for **fast** interactive segmentation, reconstruction, 3D visualization, and analysis of voxel based biomedical image data sets with a **user-friendly** interface. Support of 3D, 4D, and 5D image data from any modality with common file formats. It has been used to analyze single-modal and **multimodal** data sets from CT, PET, SPECT, MRI, US, FLT, and BLT.

Licensing

ANNUAL SUBSCRIPTION

- Local installation on one computer, software can be used by any user.
- Windows, MacOS, Linux
- Includes all modules
- Includes service, updates and upgrades
- Multiple licenses with strong discount
- One License per computer
- Includes basic training

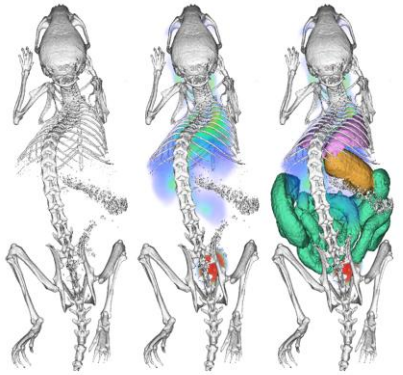
PERPETUAL LICENSES

- Local installation on one computer, software can be used by any user.
- All modules or subset as requested
- Windows, MacOS, Linux
- Includes one year support, updates & upgrades
- Support can be extended via Service contract
- Can be packaged with a scanner
- Includes basic training

imalytics
Image Analysis Software by Gremse-IT

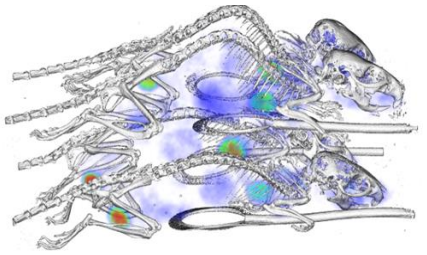
Application examples

SIGNAL QUANTIFICATION



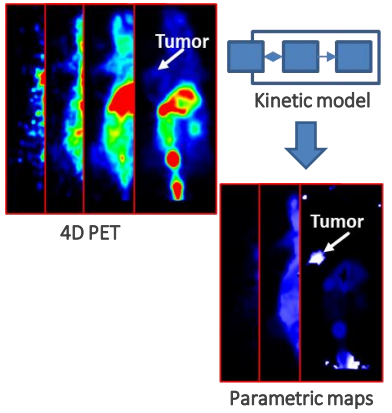
CT-based organ segmentation allows quantification of PET signals in organs of interest such as the urinary bladder, gut, lung, stomach, tumor or metastases.

HIGH THROUGHPUT IMAGING



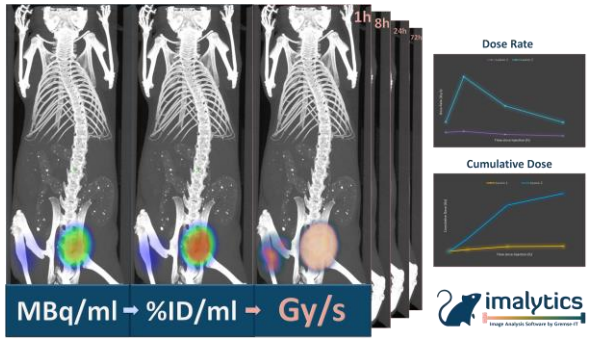
Quickly crop, convert, and analyze large amounts of data acquired with multi-mouse-beds for high-throughput settings. Don't let your data wait any longer.

KINETIC MODELING



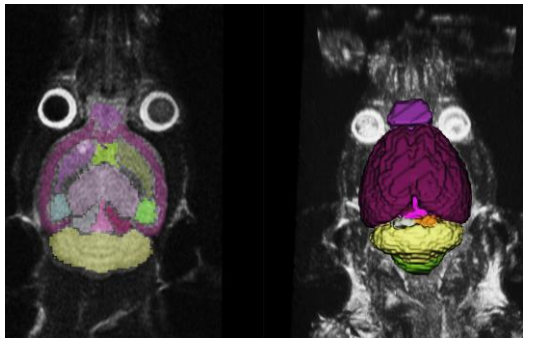
4D PET acquisition captures dynamic tracer accumulation in organs and tumors. Hyperintense tumor in the parametric map due to the irreversible accumulation.

DOSIMETRY



The dosimetry platform utilizes SPECT or PET images, calibrated to the activity concentration unit of %ID/ml. Single or batch dose maps can be generated and cumulative/ effective dose statistics for all volumes of interest (VOI) defined.

ATLAS-BASED (AUTO-)SEGMENTATION



CT & MRI data can be (auto-)segmented with an atlas (e.g. for brain or tibia). Fusion with e.g. PET is possible. MRI relaxometry and PDFF fat quantification is also possible.