



## A user-friendly free software towards radiomics



LIFEx can process Positron Emission Tomography (PET), Computed Tomography (CT) and Magnetic Resonance (MR) and Ultrasound (US) images



free on www.lifexsoft.org **CEA licence** 

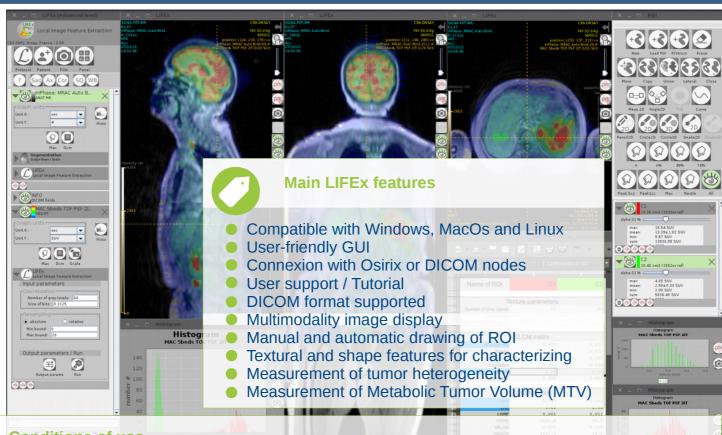
measurement of a large number of features

images and assessing tumor heterogeneity

characterizing tissue types from medical

Please contact us for any other licence type: contact@lifexsoft.org

LIFEx has been especially designed for radiologists, nuclear medicine physicians, oncologists, and scientists involved in in *vivo* medical imaging



## Conditions of use



- LIFEx is not intended for a clinical use. It is a research tool offered to the scientific community. The interpretation of the results is left to the judgment of the users.
- The use of LIFEx in any communication, be it oral or written, should explicitly mention the software as follows: LIFEx, www.lifexsoft.org, Property of CEA.

- C. Nioche, F. Orlhac, I. Buvat. LIFEx: un logiciel gratuit pour caractériser l'hétérogénéité intra-tumorale en imagerie multimodale. J. Med Nucl, Volume 40, Issue 3, May 2016, p.208
- Orlhac F, Soussan M, Chouahnia K, Martinod E, Buvat I. 18F-FDG PET-derived textural indices reflect tissue-specific uptake pattern in non small cell lung cancer. Plos Onee0145063, 2015.
- Buvat I, Orlhac F, Soussan M. Tumor texture analysis in PET: where do we stand? J. Nucl. Med. 56: 1642-1644, 2015.
- Orlhac F, Soussan M, Maisonobe JA, Garcia CA, Vanderlinden B, Buvat I. Tumor texture analysis in 18F-FDG-PET: relationships between texture parameters, histogram indices, SUVs, metabolic volumes and total lesion glycolysis. J. Nucl. Med. 55: 414-422, 2014













