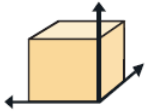
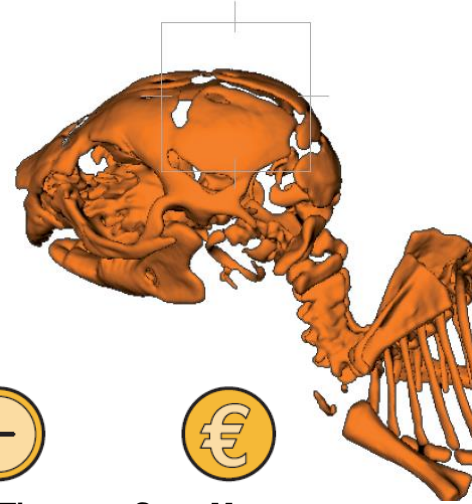


The relevancy of  
**3D Medical Imaging  
Services**  
for your *In-Vivo* research  
and **preclinical studies.**



**Increase Measurement  
Accuracy**



**Save Animals**



**Translational  
Research**



**Save Time**



**Save Money**

## Our Aims

- **Reducing Time to Market for your new Medical Devices (in orthopaedics, rachis, dental and tissue domains)**
  - **Enhancing your reglementary reports**

**By providing you with new exploratory opportunities through imaging follow-up of your animal model**

Give your Preclinical Studies access to:

- A high technological platform
- A pluridisciplinary expertise to quantify and analyse your data

## 2 ways to tackle your efficiency issue

- **3D X-ray COMPUTED TOMOGRAPHY** (ANATOMICAL way)
- **OPTICAL MOLECULAR IMAGING** (FUNCTIONAL way)

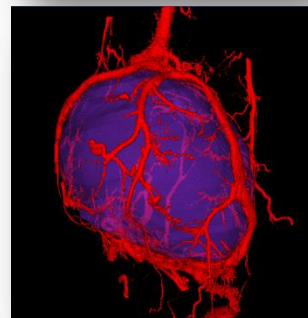
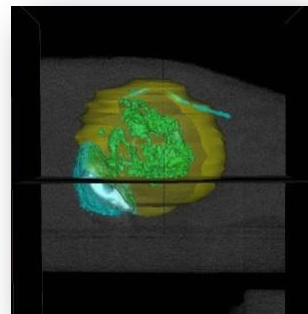


## 3D X-ray COMPUTED TOMOGRAPHY Services

### Anatomical Imaging for Efficacy Studies

- Detection and location of tumors in any organs (counting) [in-vivo]
- Primary tumor volume measurement [in-vivo]
- Tumor necrosis quantification [in-vivo]
- Tumor neoangiogenesis quantification [ex-vivo]

On any ectopic or orthotopic tumor model.



## OPTICAL MOLECULAR IMAGING Services

### Efficacy or Pharmacokinetics studies

- Development and *In-vivo* characterization of bioluminescent tumor models [Mouse model – in-vivo – more than 40 cancer cell lines available]
- Bioluminescent follow-up of tumor growth or relapse [Mouse model – in-vivo ]
- Anti-tumoral treatment efficacy evaluation [Mouse model – in-vivo ]
- Biodistribution and pharmacokinetics follow-up of a compound (nanoparticles, proteins, peptides, antibodies, antigens, liposomes, emulsions) toward a region of interest (specific organ, tumor, lymphatic nodes, lesion, inflammation site) [Mouse model – in-vivo ]

