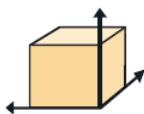
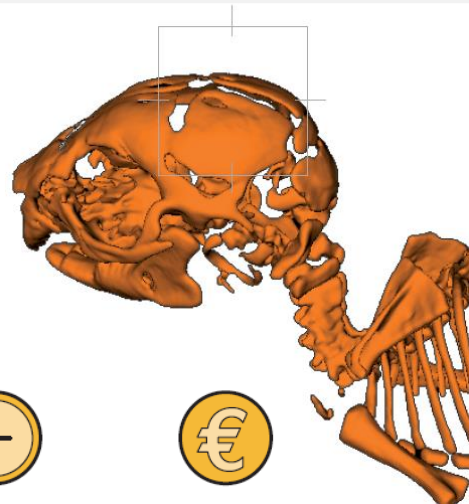


The relevancy of  
**3D Medical Imaging  
Services**  
for your *In-Vivo* research  
and **preclinical studies.**



**Increase Measurement  
Accuracy**



**Save Animals**



**Translational  
Research**



**Save Time**



**Save Money**

## Our Aims

- **Reducing Time to Market for your new drugs**
- **Enhancing your reglementary reports**

**By providing you with new exploratory opportunities  
through Optical Molecular Imaging in the Infectious diseases area.**

Give your Preclinical Studies access to:

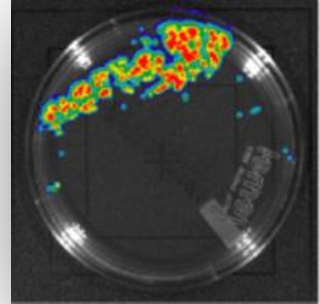
- A high technological platform
- A biosafety level 2 animal unit (ABSL-2)
- A pluridisciplinary expertise to quantify and analyse your data



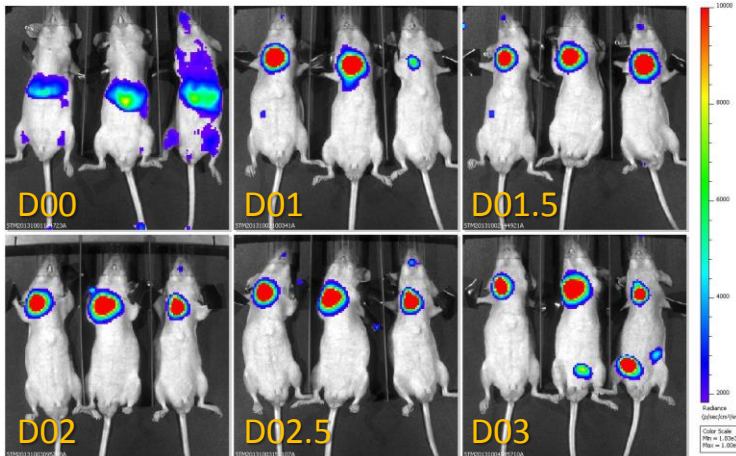
**V O X C A N**  
→ **Animal Medical Imaging Services**

## Optical Molecular Imaging

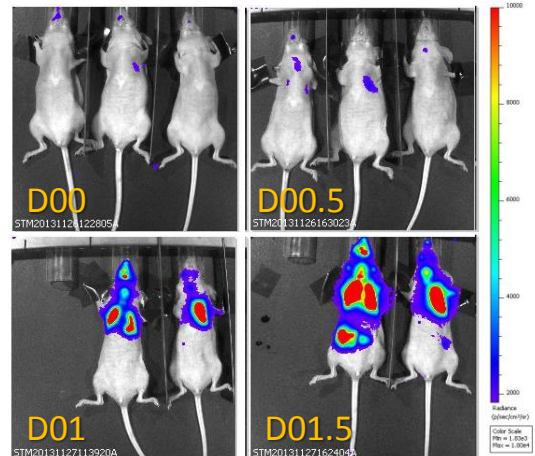
- Using bioluminescent bacteria strains (Luciferase +) or targeted by fluorescent probes.
- *In-vivo* longitudinal follow-up of the bacteria proliferation in several kind of mouse models.
- Numerous bacteria strains are available.  
(*S. Aureus* MRSA, *P. Aeruginosa*, *E. Coli*, *H. Influenzae*, *P. Mirabilis*, *K. Pneumoniae*, *L. Monocytogenes*, etc...).
- This technology can be used in all infectious domains.(antibiotic or vaccine development ; test of new medical devices, etc...).
- Several models of infection are available (Sepsis, SC meshes, CVC, OAI, Pulmonaryinfection, Endocarditis...).
- Non radio-active technique - easy to set-up.



## Examples of services in INFECTIOUS domain



Test of vaccine candidate on infected **CVC**  
(Central Venous Catheter) models.



Test of antibody candidates on **Pulmonary infection** models

