



Association Française  
des Sociétés de Services et d'Innovation



Centre de recherche  
FRANCAIS

afssi.fr

Les **membres AFSSI**  
ont la **parole** ”

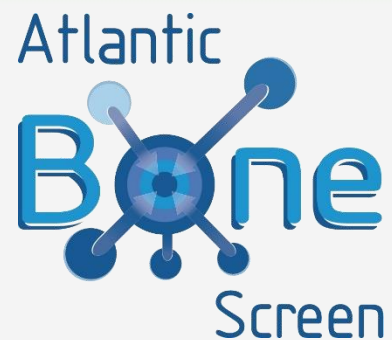
**WEBINAIRE**



*Le partenaire incontournable de vos innovations*

*Proche de chez vous*





Quitterie BROSSARD  
**ATLANTIC BONE SCREEN**

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A banner for a webinar. On the left, the text reads "Les membres AFSSI ont la parole" followed by a large quotation mark. Below this is a green bar with the word "WEBINAIRE" in white. On the right, there is a computer monitor displaying a video player interface. The video player shows a man in a suit and the AFSSI logo. Text on the video player includes "Qui suis-je ?" and "La réponse en 20 min". A hand is shown pointing at the video player. The background of the banner is dark blue with a network pattern. At the bottom, there is a horizontal strip of small images related to science and technology.

### NOTRE ACTIVITÉ

*CRO préclinique experte en pathologies osseuses et articulaires proposant des modèles in-vitro, in-vivo et des analyses ex-vivo (histologie)*



# ATLANTIC BONE SCREEN, part of AtlAntA

**PRECLINICAL CRO  
in BONE  
DISEASES**



Atlantic  
**Bone**  
Screen

**CUSTOM  
CHEMICAL  
SYNTHESIS CRO**

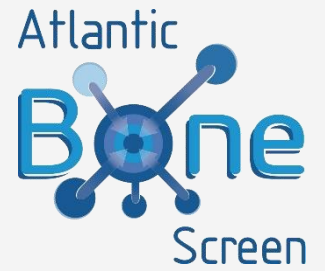


**DRUG DISCOVERY  
COMPANY in BONE  
DISEASES**



**ATLANTHERA**

# Les membres AFSSI ont la parole



 **> 15 years**

 **>15 countries**

 **> 900 studies**


## Our history

 **18 people**


 **4 PhD**

 **Pathologists**

## Our expert Team

 **ISO 9001:2015**

 **« GLP Like »**

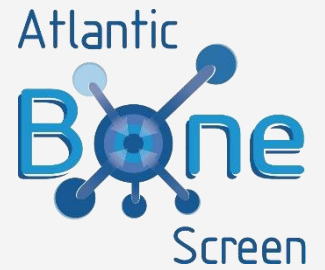
 **3 R's**

 **CIR certificate**

## Our organisation



## Our preclinical platforms



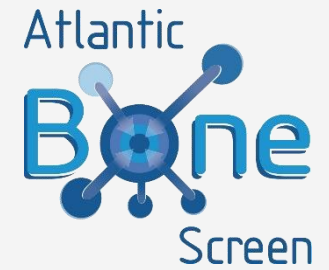
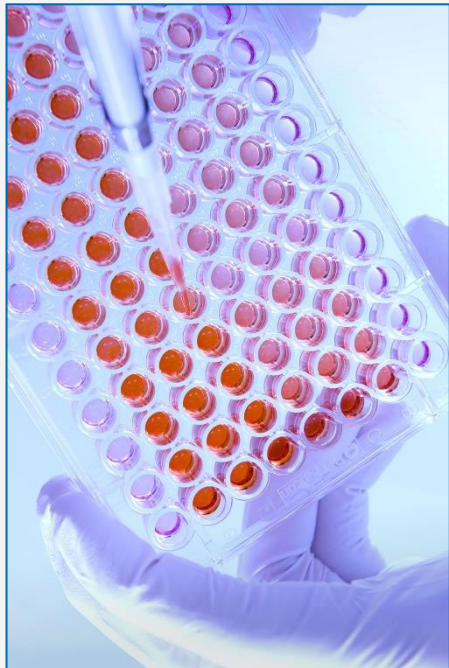
Non-regulatory evaluation of drug candidates, biomaterials, nutraceuticals  
Customized study designs  
Proof of concept - Screening of compounds



Ex-vivo services:  
included or independant from our internal studies



## Our vitro platform



### Standard protocols

- Osteoclasts – osteoblasts differentiation (MSC)
- Chondrocytes proliferation
- Macrophages - Fibroblasts
- Tumoral cell lines

### Medical devices and Biomaterials

- In-vitro evaluation of toxicity: direct and indirect cytotoxicity

### Tailor made in-vitro assays under request

End point analyses : histology, qPCR, ELISA, Flow cytometry, multiplex...



## Our vivo platform



Private animal facility  
Protocols validated  
by ethical comity and  
Ministry

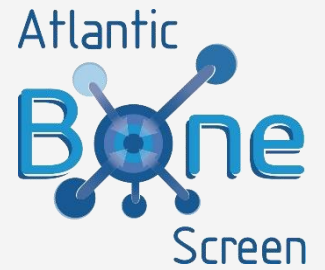
### Standard protocols

Bone and joint diseases (tumoral and non tumoral diseases)  
Osteoporosis, Osteogenesis Imperfecta, Osteo-arthritis, ...  
Bone cancer / bone metastases  
Non regulatory toxicity (ex: bone toxicity)

### Medical devices and Biomaterials

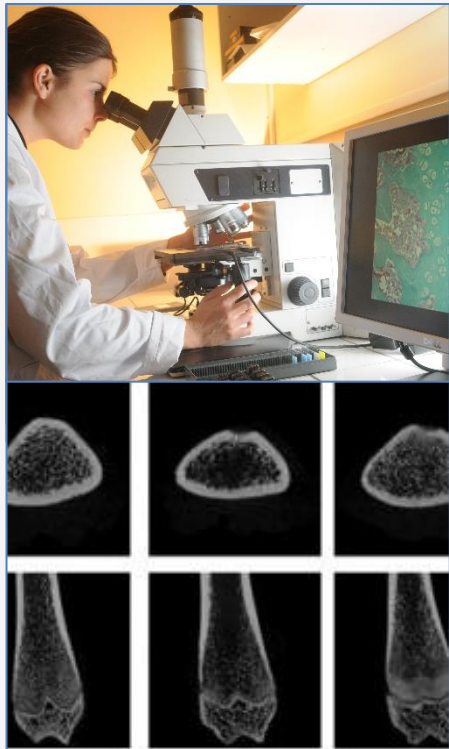
Biocompatibility  
Specific implantation models for orthopedics and dental applications,  
bone repair/bone defect

### Tailor made in-vivo assays





## Our image platform



Microscopy

Epifluorescence, confocal microscopy

Histological slides scanner

Xray

Bone lesions, implants visualization, tumors development

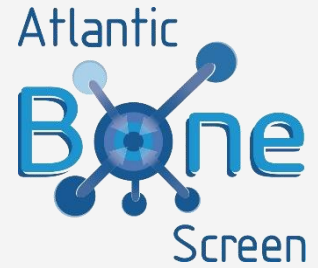
MicroCT

3D bone architecture analyses

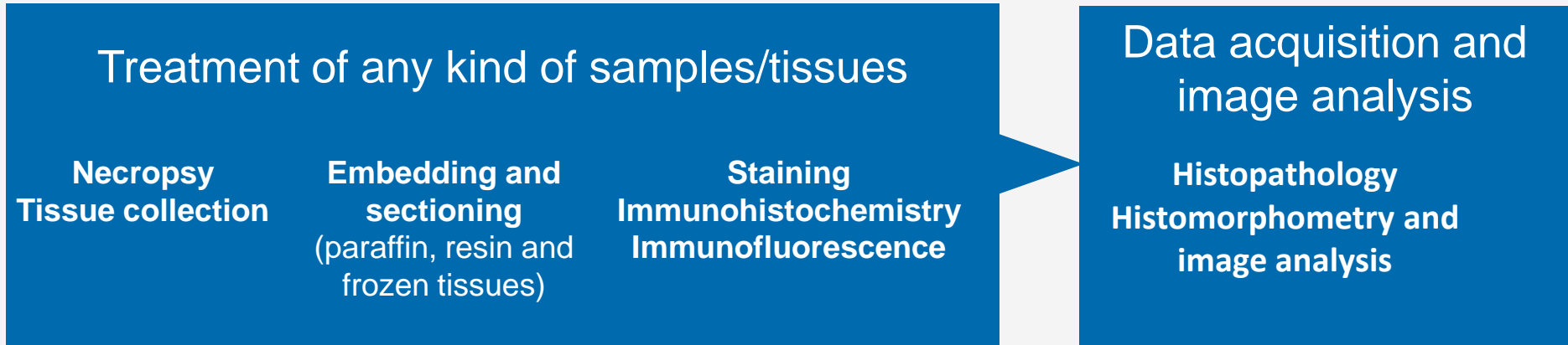




## Our histology platform



**>50%**  
samples from  
external  
studies



Operation either on each step or on the whole process  
Advice for the preparation and shipment of your samples



## An expert and reliable Partner



### Expertise

Osteoarticular  
Oncology  
Global histology



### Quality

ISO 9001  
GLP Like  
3 R's rules



### Responsiveness

Realisation  
Reports



### Collaboration

Dedicated Team  
Custom design



**97% satisfied customers  
recommending our services**