

Preclinical Services

Orthopedic Surgery & Research



AccelLAB Inc.
ORTHOPEDICS & BIOMATERIALS

1635 Lionel-Bertrand Boulevard
Boisbriand (Québec) J7H 1N8
Canada

T 450-435-9482
F 450-435-4795

michel.assad@accelab.com
www.accelab.com

GLP Compliant Services

Fully Accredited by AAALAC & CCAC



AccelLAB provides evaluation services for orthopedic medical devices from the proof of concept to regulatory submission in a GLP environment.

Histopathology and Pathology

- Small/Large Animal Necropsy
- Tissue Sampling for Histology Studies
- Decalcified / Non-Decalcified Processing
- Paraffin/PMMA (plastic) Embedding
- Micro-Grinding Polishing (EXAKT System)
- Automated Immunohistochemistry
- Digital Imaging & Histo-morphometry
- Full Histopathological Reports

Support & HQP

- Hybrid Operating Room with CT
- Surgical/Fluoroscopy Suites
- Highly-Experienced *In Vivo* Team
- QC & QA Teams
- RQAP-GLP Certified Team
- DACVP-Certified Veterinary Pathologists
- DACVS-Certified Veterinary Surgeons
- Network of Orthopedic Consultants

FUSION/NON-FUSION SPINAL MODELS

- Artificial Disc Replacement Models
- Intervertebral Fusion Models
- Osseointegration/Osteoinduction
- Bone Ingrowth Quantification
- Intervertebral Disc Reconstruction
- Nucleus Pulposus Replacement

BONE FRACTURE/DEFECT REPAIR MODELS

- Osteotomy & Segmental Defect Models
- Vertebral/Tibial/Femoral Defect Repair
- Bone Substitutes / Bone Void Fillers
- Bone Ingrowth for Joint Replacement
- Fracture Fixation Models
- Orthobiologics

JOINT/CARTILAGE MODELS

- Articular Cartilage Repair
- Microfracture Defect Models
- ACL Repair
- OA Repair Models
- Reconstruction of Ligaments/Tendons

MEDICAL IMAGING

- Magnetic Resonance Imaging (MRI, Siemens)
- High Resolution Radiography (Faxitron)
- Fluoroscopy/Radiography/Angiography
- Micro Computed Tomography (μ CT, SkyScan)
- Whole Body Computer Tomography (CT, Siemens)



AccelLAB Additional Services

The Orthopedics & Biomaterials Division can assist you in the planning and the development of both short and long-term animal studies that are fully compliant with regulatory bodies regarding the biocompatibility evaluation of orthopedic devices. Equivalent biocompatibility and biomechanical testing following ISO 10993 and ASTM standards are also available upon request.

AccelLAB is fully GLP compliant and is currently implementing the ISO 17025 standard for accreditation.