

Think Bone Consulting

Chris Jerome BVetMed, PhD

chris.jerome@thinkboneconsulting.com



Bone & Joint *Efficacy*
Bone & Joint *Safety*



Expert Consulting
Bone Radiodensitometry
Bone Histomorphometry

www.thinkboneconsulting.com

Typical clients

- Have drugs or devices for osteoporosis, arthritis, or orthopedic indications in development, and want to enhance their animal model expertise.
- Have bone safety concerns (off-target effects in bone or cartilage), and seek advice on how to proceed.
- Need bone radiodensitometry, histomorphometry, histopathology or cartilage grading services.
- Require expert interpretation or troubleshooting of bone densitometry, CT, biomarkers, histology, histomorphometry, or biomechanics in animal models.
- Are designing or outsourcing preclinical studies and need assistance with protocol development, methodology, CRO selection, and study monitoring.

Services

- Preclinical study design for **skeletal drug/device efficacy** and **bone safety**.
- Analysis & interpretation of bone & cartilage **efficacy** and **safety** data.
- Bone and joint morphologic evaluations (details on reverse side of page).
- Development, review & troubleshooting of technical procedures & SOPs.
 - DEXA/pQCT/ μ CT
 - Biomarkers
 - Histology/histomorphometry
- Write and review RFPs, protocols, and reports.
- Publications, white papers, & literature reviews.

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Experience

- 25 years in osteoporosis and osteoarthritis preclinical development and 15 years in GLP contract research.
- Study Director of pivotal osteoporosis preclinical regulatory studies for several compounds now on the market.
- Co-founder, CEO and Study Director at **SkeleTech Inc.**
- Broad experience in non-human primate skeletal biology, reproductive biology, pathology, and preclinical research.
- Veterinary pathology training at UC Davis.
- Full CV available upon request.

Visit our website to access presentations and other bone biology resources



Think Bone Consulting Inc
PO Box 1611
Langley WA 98260

USA

info@thinkboneconsulting.com

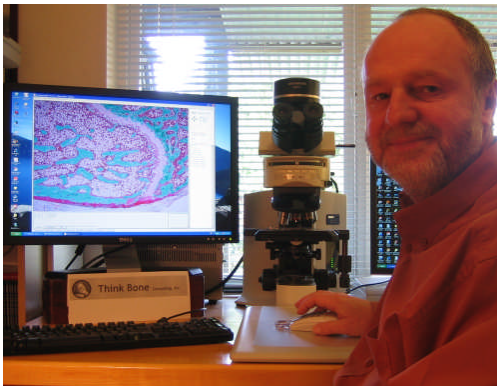
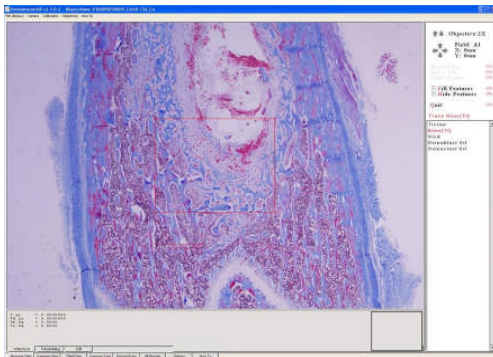
+1 (360) 221-6723 direct
+1 (360) 239-1620 mobile

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Bone Histomorphometry

Routine Morphometry

- Decalcified and undecalcified histology services offered in partnership with Histon LLC (www.histon.com).
- Standard bone histomorphometry of rodent and large animal bone specimens, compliant with ASBMR standards, using OsteomeasureXP.



Custom Analysis

- Custom histopathological grading, image analysis or histomorphometry for orthopedic and other models and applications.

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Bone Radiodensitometry

Services

- Digital microradiography offered in partnership with Histon LLC (www.histon.com).
- Densitometric analysis of high-resolution radiographs of bone and other calcified tissue specimens, using custom density step wedges and ImageJ software macros.
- Suitable for whole bones and bone slices with or without metal implants; and mineralized implants in soft tissue.



- Applicable to most animal models used for osteoporosis, arthritis and orthopedic devices research.
- Cost-effective, non-destructive, and fast – typically data are available within 2-5 business days of specimen receipt.
- Excellent cost-saving screening method, providing interim, decision-guiding data.

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Pricing

Standard Pricing

Complete processing, histology and standard histomorphometric analysis of cancellous bone in rodents, per specimen:

- \$250 for decalcified histology with static histomorphometry
- \$375 for undecalcified histology with static and dynamic histomorphometry

Microradiography and radiodensitometry analysis, per specimen:

- \$50 for microradiography & densitometry

Standard prices include histology or radiography, analysis, and data presented in spreadsheet format. For radiodensitometry, PDF-format individual reports are also provided for each specimen.

Custom Pricing

Contact us for a quote for :

- Non-standard processing and/or analysis
- Detailed reports including statistical analysis and interpretation.
- Consulting services

Contact Info

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