Senior Scientist, Bone Biology

Quince Therapeutics, Inc. (Nasdaq: QNCX), is a biopharmaceutical company advancing innovative precision therapeutics targeting debilitating and rare diseases.

Position Purpose
This position will be in our West Lafayette, Indiana location. The Senior Scientist, Bone Biology will assist in the preclinical development of novel targeted musculoskeletal therapeutics and lead a team in preclinical efficacy and toxicological evaluation. Leading a small team of Animal Technicians, the Senior Scientist will be responsible for managing in vivo preclinical studies as well as collecting and analyzing preclinical data. Assist with biological assays to evaluate in vitro activity of novel therapeutics. This role will report to the Director of R&D.

Responsibilities
- Design, perform, and evaluate appropriate cellular and animal studies to evaluate efficacy of bone related pharmaceuticals
- Assess the performance of drugs via MicroCT evaluation and histomorphormetic calculations
- Surgically create different orthopedic diseases
- Perform Immunohistochemistry evaluation of tissue sections
- Prepare tissue for histology, and stain with bone appropriate stains
- Perform biomechanical evaluation of biological tissue
- Maintain and manage bacterial and eukaryotic cell cultures
- Maintain and manage imaging, and biomechanical instruments
- Perform, optimize, and evaluate the results from biological assays assessing the activity and function of pharmaceuticals
- Evaluate toxicities generated by drug treatment in serum and tissue samples
- Write study reports
- Manage and direct the work Animal Technicians

Position Requirements
- Ph.D. in Bone Biology, Molecular Biology or related field
- 5+ years of lab experience and a minimum of 5 years of pharmaceutical/biotechnical industry experience preferred.
- Experience with microCT, biomechanics and bone pathology
- Experience with cell culture, ELISAs, qPCR and in vivo imaging
- Must have experience with animal models
- Strong analytical skills
- Strong communication and presentation skills are required.
- Critical thinking and problem solving
- Experience with Word, Excel, PowerPoint, Graph Pad Prism, image J, and other analytical software.