

Child Health Research Institute



SAVE THE DATE

Child Health Research Institute **Bone Health** **Mini Research Summit**

November 18, 2021

The Child Health Research Institute (CHRI) invites you to attend the Bone Health Mini Summit on November 18, convened by the CHRI Genetics, Development, Exposures & Injuries Area of Emphasis (AOE).

The mini summit, led by Matthew Halanski, MD, associate professor and Chief of Pediatric Orthopaedic Surgery; Eric Peeples, MD associate professor, Division of Neonatology and Bill Rizzo, professor, Division of Inherited Metabolic Diseases and CHRI Scientific Director, welcomes attendees to join us to share projects, discover new resources and make valuable connections for future collaborative opportunities that improve child health.

The AOE has selected bone-related health and disorders as its theme for this year's summit. While not an exclusive list of potential topics, trainees, investigators and supporting research

and clinical personnel who are performing or are interested in the research topics below may benefit from participating in the virtual summit.

- Developmental biology, embryology and limb development
- Osteoblasts, osteocytes, and osteoclasts
- Bone dysplasias, genetic disorders and inherited disorders of metabolism affecting bone
- Collagen diseases
- Osteomyelitis, neonatal sepsis, MRSA musculoskeletal infections
- Bone metabolism
- Endocrinology and the skeleton
- Vitamin D, calcium, phosphorous
- Maternal fetal interactions in the developing skeleton
- Bone deformities and bone growth
- Primary malignancies of bone
- Biomechanics of bone
- Bone fracture, healing and remodeling
- Osteoimmunology
- Periosteum, cartilage and bone
- Orthopaedic implants and 3D scaffolds
- BMPs, FGFs, CNP, signaling
- Animal models
- Imaging of the skeletal system
- 3D modeling of osseous structure
- Bioengineered Scaffolds
- Novel therapeutic delivery systems

Please fill out the [brief pre-registration form](#) if you would like to receive a calendar hold and be on our list to receive the latest updates about the event as the agenda is finalized. Two types of registration will be available:

- **Participating investigator** for those who plan to prepare and present a brief summary of their work and engage in active discussion to spark collaboration and resource sharing
- **Active listener** for those in research supportive roles or from other areas of research who would like to listen to the investigators and mini summit presentations

We look forward to seeing you at the mini summit. For questions or concerns, please reach out to chri@unmc.edu.