Summary of work on CZO musculoskeletal system development   
  
We have extended content in Craniofacial Zebrafish Ontology (CZO) to include the taxonomic, spatio-structural and developmental representation of developmental musculoskeletal system of the head (muscles, bones, cartilages and joints) and their precursors and predecessors where available. The work focused on the parthood and spatial relationships of developmental (embryonic and larval) bones, muscles, cartilages and sutures, as well as on the developmental properties of these structures, such as derivation, transformation and maturation. We likewise added muscle insertion and muscle origin relationships between muscles and bones during embryonic, larval, juvenile and adult stages. We updated representation of developmental ages and stages based on the suggestions of FaceBase zebrafish domain experts.   
  
In this version of the OCDM, we have also incorporated mouse and zebrafish anatomy terms that were requested or suggested by some members of the FaceBase consortium.