

WP12: Bone, cartilage, arthritis, osteoporosis

The skeleton has to fulfil many important functions for the body: stability, carrying the body weight, ensuring mobility and acting as an important store for minerals. There are more than 150 human disorders that reflect skeletal malfunction, including osteoporosis and osteoarthritis. A variety of primary SOPs have been developed including embryological and morphological examinations; blood or urine based indicators for bone metabolism, bone densitometry, X-ray analysis and skeleton preparation.