

Poster 332

P U R P O S E This study aimed to investigate the function of OMD in **bone** and **cartilage** and in the **remodeling of subchondral bone** associated with **OA**. We used both loss of function (**KO**) and overexpressing **mice (UP)** for *Omd* aged 4, 8, and 16 months for *in vivo* characterization as well as a loss of function **mutant** in the **zebrafish**.