

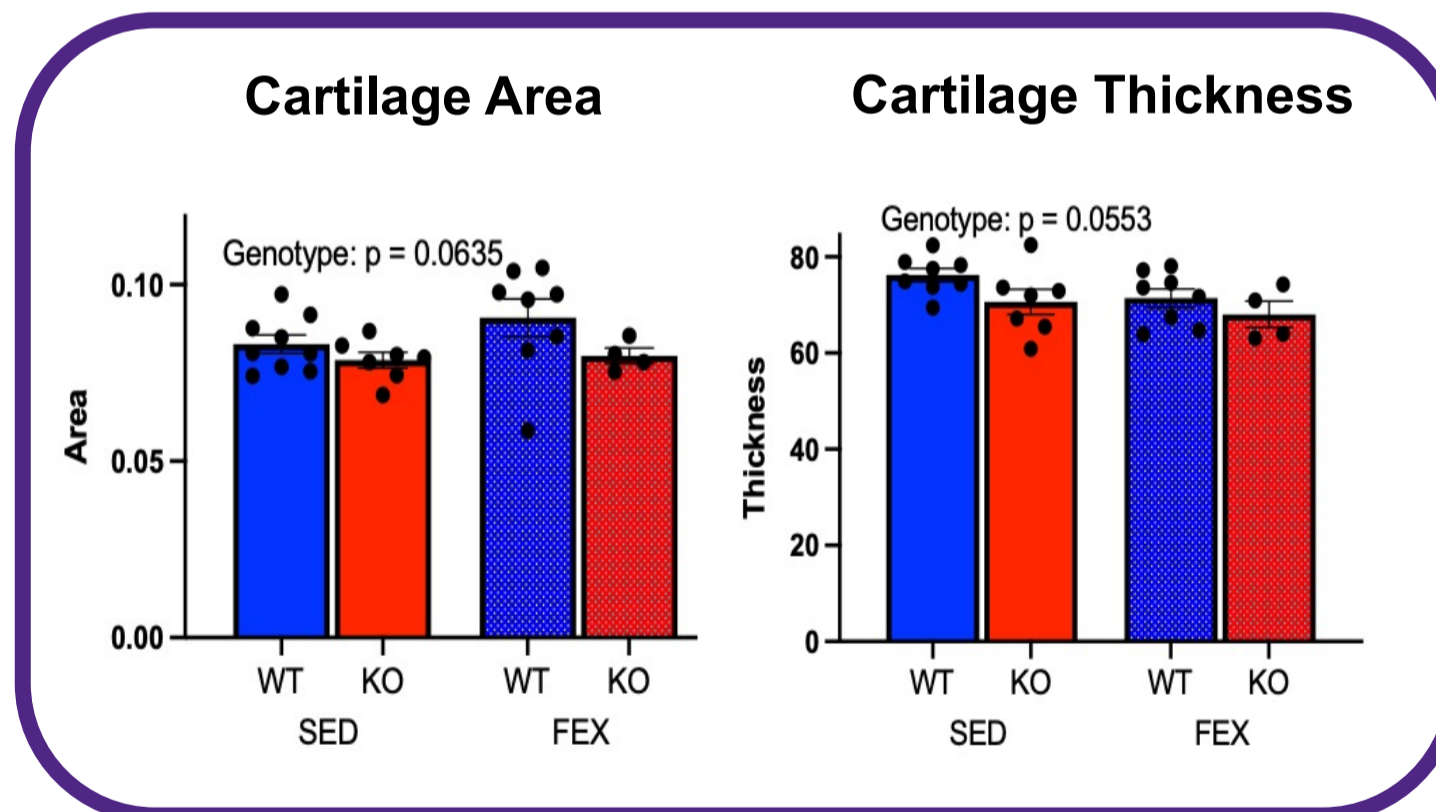
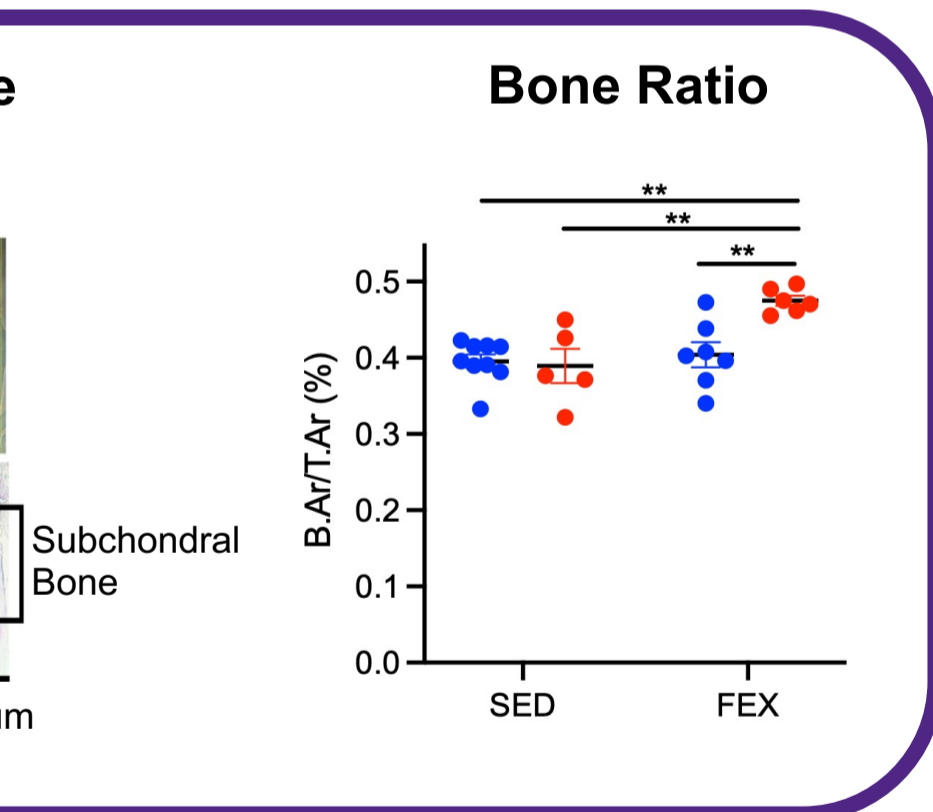
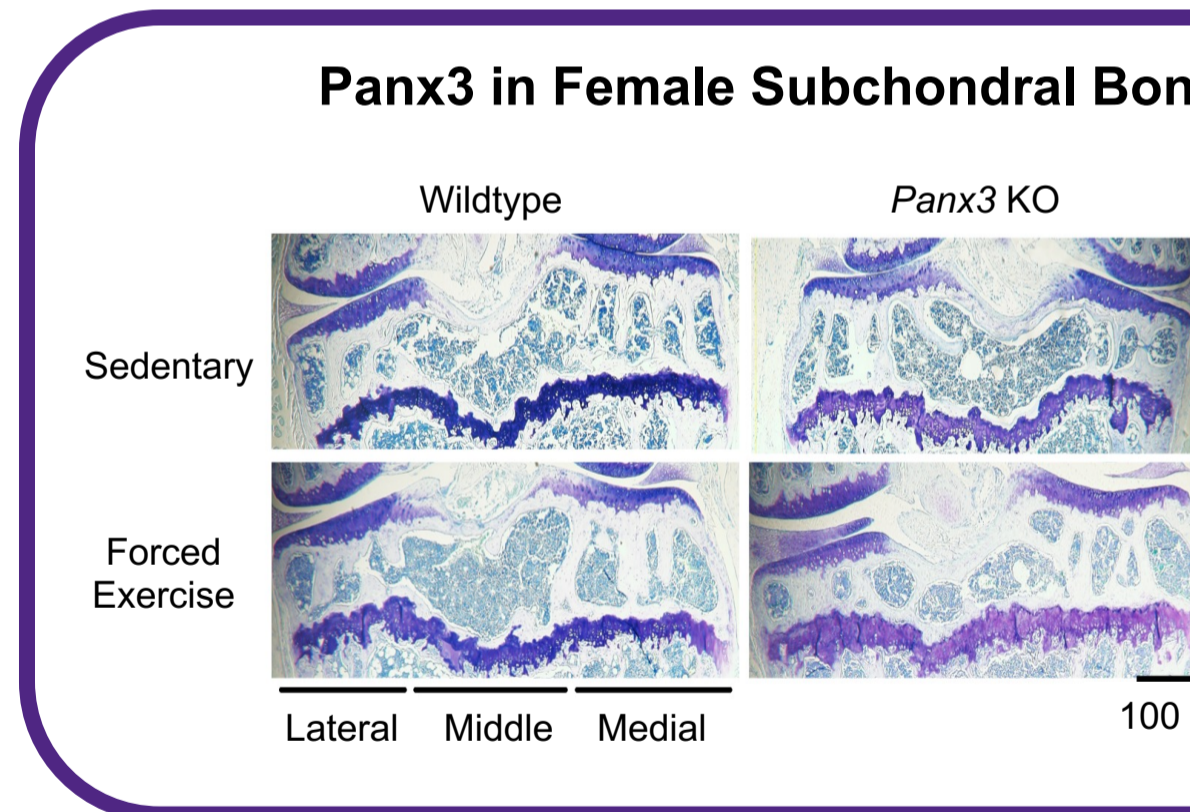
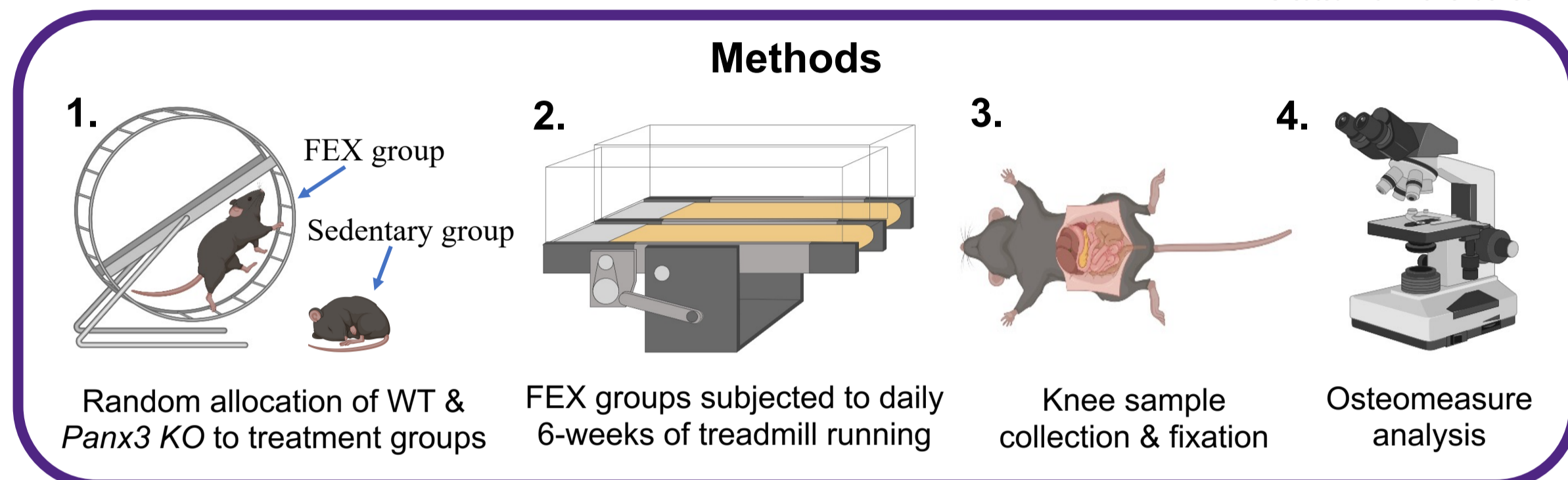
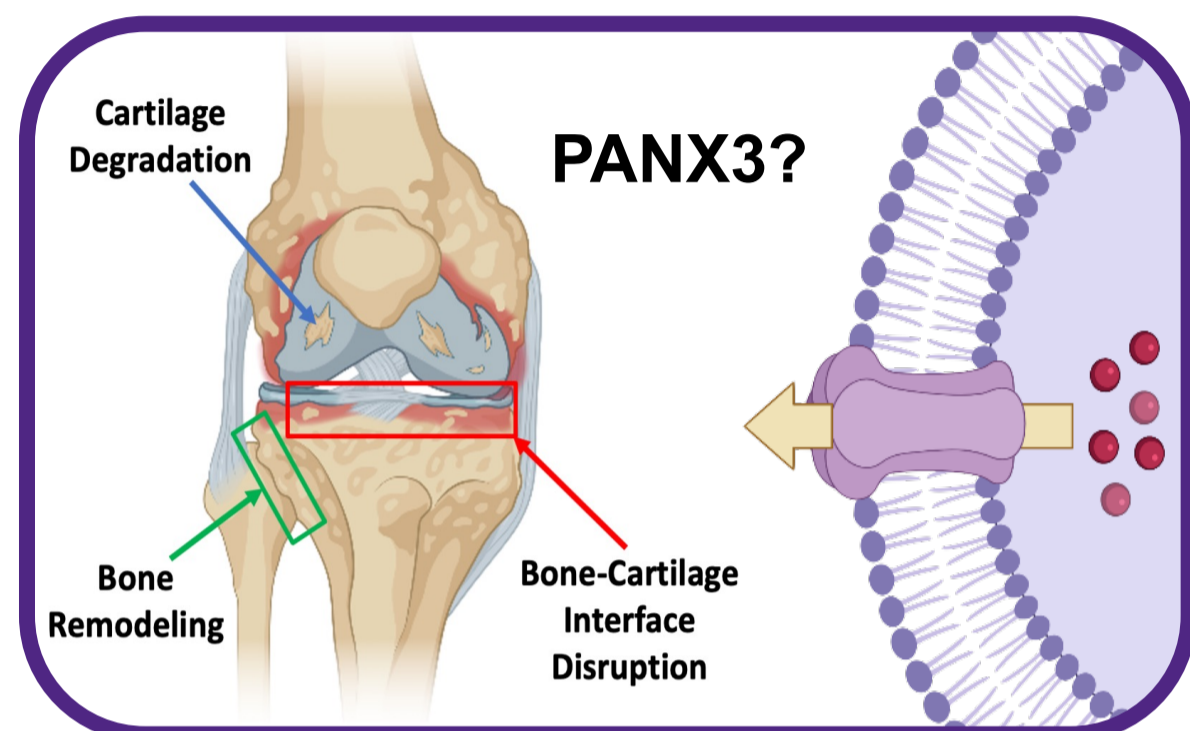
The role of Pannexin 3 in forced exercise bone remodeling and its potential implications for osteoarthritis

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Hypothesis

- ❖ *Panx3* KO mice will have abnormal subchondral bone architecture in response to forced exercise.

Implications

- ❖ Bone changes is a precursor to cartilage changes & OA
- ❖ Revolutionize OA to a bone perspective rather than just a cartilage perspective

Future Directions

1. Examine PANX3 localization in subchondral bone through immunofluorescence
2. Run 18-month aged mice through same protocols

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