

Propositions associated with the dissertation

Thrombospondins -4 and -5 in Skeletal Development, Disease and Repair

Implications for Bone Tissue Engineering

1. Thrombospondin-4 production precedes bone formation in development and repair. *This thesis*.
2. Thrombospondin-4 regulates tissue remodelling in embryonic development and in adults after injury. *O. Stenina-Adognravi and E. F. Plow; Matrix Biology, 2019; 75-76:300-313*.
3. Thrombospondin-4 and -5 increase cartilage matrix production. *This thesis*.
4. The presence of thrombospondin-4 can reveal pathological endochondral ossification events. *This thesis*.
5. The introduction of multiple ectopic bone microenvironments *in vivo* increases the efficiency of bone graft testing. *This thesis*.
6. Play is the highest form of research. *N. V. Scarfe; Childhood Education, 1962; 39:3, para. 119*.
7. The best way to have a good idea is to have a lot of ideas, and throw away the bad ones. *L. Pauling, 1935*.
8. No hay cuestiones agotadas, sino hombres agotados en las cuestiones. *S. Ramón y Cajal; Consejo Superior de Investigaciones Científicas, 2005; 34*.
9. There has never been a wise man who hasn't failed to prefer the lie invented by himself to the truth discovered by someone else. *J. J. Rousseau; Everyman Press, 2000; para. 277*.
10. Knowledge is freedom, and ignorance is slavery. *M. Davis and Q. Troupe; Touchstone, 1990; 61*.
11. Family isn't always blood. It's the people in your life who want you in theirs.

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