

Use of Environmental and Physical Stimuli in Cartilage Tissue Engineering

Omgevings- en fysieke stimuli in kraakbeen tissue engineering

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- Stelling 1** It is not possible to extrapolate results on mechanical stimulation between differentiation states of the chondrocyte. Or on any other type of stimulation for that matter [extrapolated from results in this thesis]
- Stelling 2** A defined culture environment is essential to correctly interpret experimental results [this thesis]
- Stelling 3** Hypoxia can induce chondrocyte redifferentiation through upregulation of TGF- β 2 and induction of the ALK5 pathway [this thesis]
- Stelling 4** Modifying tonicity of the culture medium is a simple but effective method to retain the chondrocyte phenotype [this thesis]
- Stelling 5** A lack of uniformity in experimental setups makes it difficult to distill from literature the true effect of hypoxic culture on MSCs [this thesis]
- Stelling 6** Natural selection is not what it used to be
- Stelling 7** "You can't please everyone" is a true saying. In fact, the best you can hope for is pleasing 98,5% (YouTube statistics)
- Stelling 8** 412 100-yard dashes also constitute a marathon
- Stelling 9** If insanity is doing the same thing and expecting different results, then a lot of biology researchers can be deemed insane
- Stelling 10** The more we are connected to everything and everyone, the more we are disconnected from ourselves
- Stelling 11** One task's procrastination is another's acceleration