

Endothelial cell function from a tissue engineering perspective

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Stellingen behorende bij het proefschrift:

Endothelial Cell Function from a Tissue Engineering Perspective

Irma Geenen, 20 juni 2014

1. In aanwezigheid van endotheelcellen vindt thrombine generatie voornamelijk plaats via contactactivatie. - *Dit proefschrift*
2. Veneuze endotheelcellen zijn *in vitro* minder thrombogeen dan arteriële endotheelcellen. - *Dit proefschrift*
3. Stikstofmonoxide resistentie in gladde spiercellen als gevolg van chronisch nierfalen leidt tot verminderde arteriële dilatatie. - *Dit proefschrift*
4. De foreign-body reactie die getissue-engineerde grafts *in vivo* initiëren dient geminimaliseerd te worden teneinde graft falen te voorkomen. - *Dit proefschrift*
5. Endotheelcellen van hart- en nierpatiënten functioneren *in vitro* hetzelfde als die van niet-zieke controle personen en zijn geschikt voor vascular tissue engineering. - *Dit proefschrift*
6. Het doorbreken van de vermeende 'bloed-hersenbarrière' tussen chirurgen en anesthesiologen kan de patiënt alleen maar ten goede komen.
7. Simulatie training in een waarheidsgetrouwe omgeving is van onschatbare waarde bij het opleiden van jonge dokters.
8. Gezien het lagere salaris van een arts-assistent in opleiding t.o.v. dat van een medisch specialist, kan het verkorten van de opleiding tot specialist geen kostenbesparing opleveren.
9. Research is to see what everybody else has seen, and to think what nobody else has thought. - *Albert Szent-Györgyi*
10. After climbing one great hill, one only finds that there are many more hills to climb. - *Nelson Mandela*