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Microvascular endothelial responses in critical illness

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MICROVASCULAR ENDOTHELIAL RESPONSES IN CRITICAL ILLNESS

Focus on the Ang/Tie2 system

1. The endothelial Tie2 receptor and its ligands, the Angiopoietins, are dynamic responders in critically ill patients (*this thesis*).
2. Downregulation of the Tie2 receptor in critically ill patients is a consequence of reduced microvascular blood flow (*this thesis & unpublished results Jongman et al*).
3. The Ang1/Ang2 balance in plasma is disturbed in critically ill patients (*this thesis*).
4. On-pump coronary artery bypass graft (CABG) surgery and off-pump CABG surgery do not lead to an increase in release of soluble endothelial adhesion molecules in the plasma (*this thesis*).
5. Een muis is geen mens.
6. Resultaten van *in vitro* studies naar reacties van lipopolysaccharide behandelde endotheelcellen, zijn niet vergelijkbaar met resultaten van *in vivo* studies naar endotheelreacties in lipopolysaccharide behandelde muizen.
7. Een analist is de spil in de researchgroep.
8. Wetenschap is teamsport.
9. Je kunt beter spijt hebben van de dingen die je hebt gedaan, dan spijt hebben van de dingen die je niet hebt gedaan (*Tegelwijsheden*).

Rianne Jongman