

# Drainage versus defense

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## Propositions

belonging to this thesis

### Drainage versus defense:

#### The management of vascular leakage in cardiovascular diseases

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1. Improving eNOS functionality is a more effective strategy to ameliorate heart failure than mere eNOS overexpression. (This thesis)
2. AVE3085 improves eNOS functional stability, and thus has therapeutic potential for the treatment of heart failure. (This thesis)
3. Weighted Gene Network Coexpression Analysis is a powerful tool in identifying novel target genes in human disease. (This thesis)
4. TNIP2 is a specific regulator of pathologic lymphangiogenesis in human atherosclerotic plaque instability, and represents a potential clinical target for intervention in atherosclerosis related disorders (This thesis)
5. Prevention of BH4 oxidation is a more rational therapeutic strategy to improve eNOS coupling than BH4 supplementation. (Research field + valorization)
6. The use of anti-inflammatory drugs that also have pro-lymphangiogenic activity is an effective strategy to treat inflammatory conditions (Research field + valorization)
7. If pressure makes diamonds, writing a thesis will make PhD candidates bright, shine and probably rich.
8. Working on a new research theme can be a little bit intimidating at the beginning. It is very challenging but definitely doable. Work hard and you will have **PH.inshe.D** a degree eventually.

Rinrada Kietadisorn

Maastricht, 23 May 2018