



## UvA-DARE (Digital Academic Repository)

### Process and quality control in use of isolated beating porcine slaughterhouse hearts

Kappler, B.

**Publication date**

2020

**Document Version**

Other version

**License**

Other

[Link to publication](#)

**Citation for published version (APA):**

Kappler, B. (2020). *Process and quality control in use of isolated beating porcine slaughterhouse hearts*.

**General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

**Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

# STELLINGEN

Behorende bij het proefschrift

## Process And Quality Control In Use Of Isolated Beating Porcine Slaughterhouse Hearts

1. The progressive loss of viability and function of the isolated slaughterhouse hearts are best described by the phenomenon of “time-dependent multi-organ” failure.  
(*this thesis*)
2. Blood conditioning significantly attenuates ex vivo cardiac function degradation and delays the loss of cardiac hemodynamics.  
(*this thesis*)
3. The presence of biomarkers in cardioplegia perfusate before starting the experiment can predict post-storage cardiac dysfunction and avoids insufficient experiments. (*this thesis*)
4. The reduction of variation in experimental outcomes starts with the implementation of quality controls and standardization of the entire process from harvesting to reviving the slaughterhouse hearts.  
(*this thesis*)
5. Mapping the porcine epicardial lymphatic anatomy in detail is possible and enables identification of sites for drainage of lymph.  
(*this thesis*)
6. Microparticles of human myocardial extracellular matrix can exert specific cytoprotective effects on cardiomyocyte- like cells for the use in myocardial tissue protection and tissue engineering approaches.  
(*this thesis*)
7. Science is the only true guide in life.  
(*Mustafa Kemal Atatürk*)
8. You cannot climb the ladder of success with your hands in your pockets.  
(*Arnold Schwarzenegger*)
9. Meer investeren in onderzoek is nodig, maar investeren in onderwijs is 'toprioriteit'.  
(*Arjen Lubach, Sunday 27 oktober, 2019*)

*Benjamin Kappler*