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## **Guide to the heart: Differentiation of human pluripotent stem cells towards multiple cardiac subtypes**

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# Guide to the heart

Differentiation of human  
pluripotent stem cells towards  
multiple cardiac subtypes

Verena Schwach

## Colophon

Guide to the heart: Differentiation of human pluripotent stem cells towards multiple cardiac subtypes

PhD thesis

The work presented in this thesis was carried out at the Department of Anatomy & Embryology, Leiden University Medical Center

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# Guide to the heart

## Differentiation of human pluripotent stem cells towards multiple cardiac subtypes

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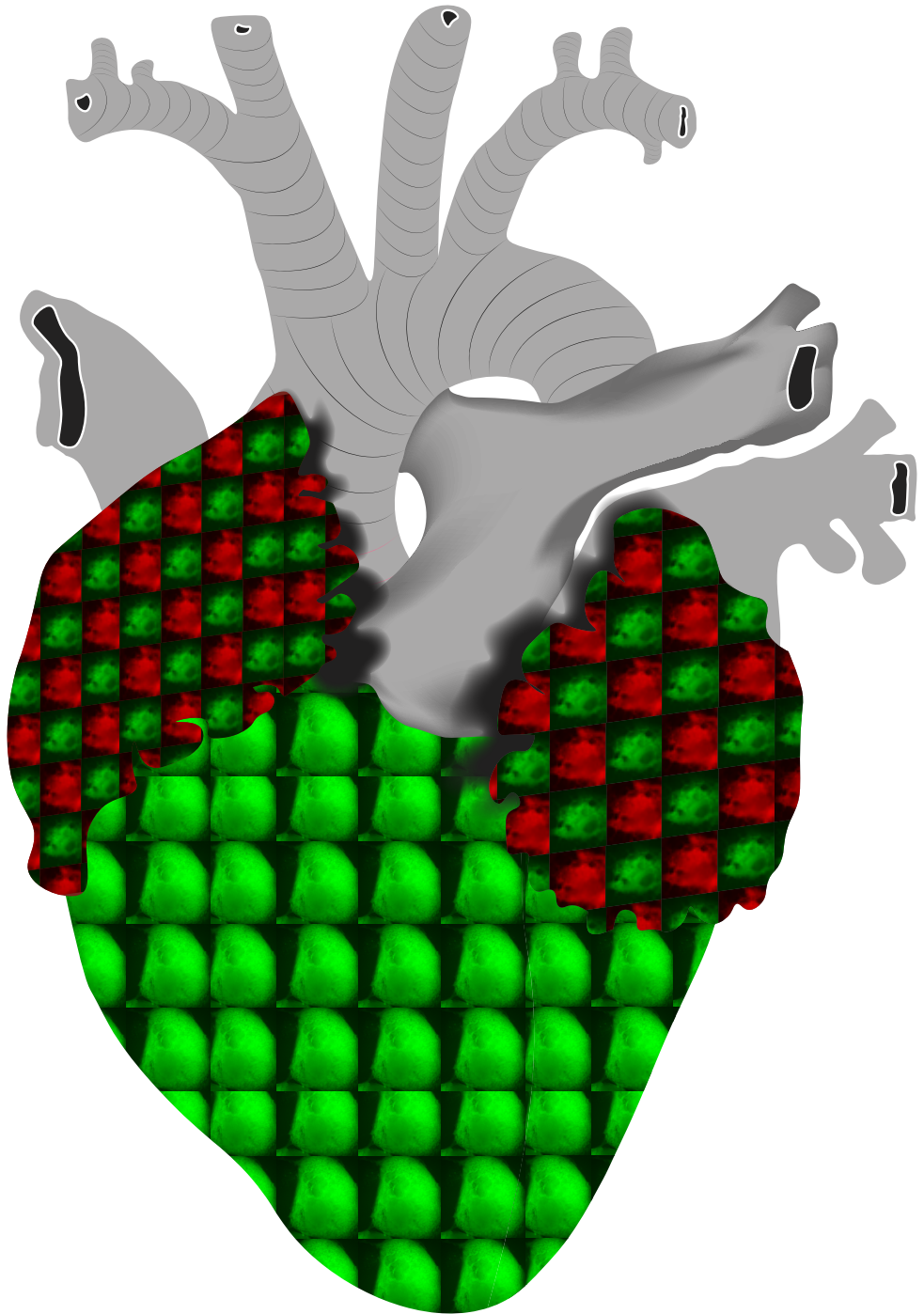
Prof.dr. Jolanda van der Velden (Amsterdam UMC)

Dr. Daniel Pijnappels

# **Tears come from the heart and not from the brain**

*Leonardo da Vinci (1452 - 1519)*

To  
Freya  
My husband  
My parents





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