

Development of the heart and vessels in the caudal part of the human body

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Development of the heart and vessels in the caudal part of the human body

Jill P.J.M. Hikspoors, 05-12-2017

1. The caudal cardinal veins are not temporary structures, but remain identifiable in the adult (this thesis)
2. The topography of all veins in the liver is similar in mammals with lobated and non-lobated livers (this thesis)
3. Couinaud's segmental model of the liver does not match reality (this thesis)
4. Cardiac development involves a series of successive 'renovation' projects (this thesis)
5. Biologically relevant transitions correspond with changes in morphology during embryonic development (Levin et al. 2016)
6. Differential growth, not folding of pre-existing structures is responsible for the embryonic shape
7. Research on animal models of congenital malformations should acknowledge altered developmental timing (heterochrony) of affected features between species (Vonk et al. 2008)
8. Embryology has become a nearly forgotten topic in the medical curriculum, even though it facilitates learning and understanding adult (human) anatomy
9. Most images in textbooks of embryology are outdated
10. Simplicity is the final achievement (Frédéric Chopin)