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Universiteit Leiden



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Title: MicroRNAs in kidney health and disease

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Stellingen (Propositions)

behorende bij het proefschrift getiteld

MicroRNAs in Kidney Health and Disease

1. To better understand microRNA function in kidney biology one needs to dissect its function in separate cell types. (this thesis)
2. MicroRNA-based therapeutics hold great promise for the (near) future. (this thesis)
3. MicroRNAs are naturally pleiotropic. (this thesis)
4. (Micro-)vascular nephrology is an underappreciated aspect of kidney health and disease. (this thesis)
5. What we see depends mainly on what we look for. (John Lubbock, English biologist and politician, 1834-1913 & cover of this thesis)
6. Superficially, it might be said that the function of the kidneys is to make urine; but in a more considered view one can say that the kidneys make the stuff of philosophy itself. (Homer William Smith, the evolution of the kidney, lectures on the kidney, 1943)
7. The (r)evolution of understanding the non-coding functions of DNA has led to the extinction of junk DNA.
8. The involvement of miR-132 in schizophrenia underlines the multiple personalities of miR-132 itself. (Miller BH et al. MicroRNA-132 dysregulation in schizophrenia has implications for both neurodevelopment and adult brain function. Proc Natl Acad Sci USA. 2012 & this thesis)
9. Say you were standing with one foot in the oven and one foot in an ice bucket. According to the statistics people, you should be perfectly comfortable. (adapted from: Bobby Bragan, 1963, Sports Illustrated)
10. Voetbal is niet lopen. (Romario, PSV Eindhoven 1988-1993)
11. If a great story isn't true, it's still a great story and can always become true. (Coen van Solingen)
12. Sometimes you need to talk to a 2-year old so you can understand what life is all about again. (Unknown & personal communication with TLK Bijkerk)

Roel Bijkerk
Leiden, 29 januari 2014