

Protein kinase D: at the crossroad of cardiac function and metabolism

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Stellingen

Behorende bij het proefschrift

Protein kinase D: At the crossroad of cardiac function and metabolism

Ellen Dirkx

3 februari 2012

1. In het hart, verbindt protein kinase D (PKD) het metabolisme met de contractiliteit. *(Dit proefschrift)*
2. Wanneer de metabole substraatopname van het hart wordt verstoord, zal dit leiden tot cardiale hypertrofie. *(Dit proefschrift)*
3. In contraherende hartspiercellen leidt niet activering van PKC maar van DAPK tot PKD-gestimuleerde GLUT4 translocatie. *(Dit proefschrift)*
4. Veranderingen in metabolisme kunnen cardiale hypertrofie zowel veroorzaken als voorkomen. *(Dit proefschrift)*
5. Het verband tussen metabolisme, hartfunctie en morfologie zou de spil moeten vormen bij de ontwikkeling van therapieën voor diabete cardiomyopathie.
6. De ankereiwitten AKAP en 14-3-3 vormen het moleculaire verband tussen wat wij het hart aandoen en het hart als gevolg daarvan zichzelf aandoet.
7. MicroRNAs zijn het draaipunt in genregulatie.
8. Women need a promoter that can bind the estrogen responsive element.
9. Het schrijven van een proefschrift is als het maken van een juweel; enkel met veel creativiteit, inzet en volharding kom je tot het beste resultaat.
10. Minds are like parachutes, they only function when open. *(Thomas Robert Dewar)*
11. The more you know, the more you know you don't know. *(Aristotle)*