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Stellingen

Behorende bij het proefschrift

Mitochondrial function in cardiomyocytes

door Wardit Tigchelaar

1. Isolated cardiomyocytes as a model to study heart failure has limitations but has its merits to study complex systems like mitochondria. (*this thesis*)
2. Exploring the function of a single gene is not the way forward in solving heart failure but it does shed light on underlying pathways and interactions. (*this thesis*)
3. Studying the failing heart from an “engine out of fuel” perspective could lead to new treatment therapies. (*this thesis*)
4. Aberrant mitochondrial signaling plays a role in cardiomyocyte hypertrophy. (*this thesis*)
5. Mitochondria in the heart appear more dynamic than originally anticipated. (*this thesis*)
6. Investigating mitochondrial genes, including AKIP1 and EXOG, offers new insights into the relation between cellular hypertrophy and mitochondrial respiration. (*this thesis*)
7. Mitochondrial function is at the very heart of everything in the body, thus optimizing mitochondrial function is essential for a healthy heart and healthy aging. (*this thesis*)
8. Play is the highest form of research. (Albert Einstein)
9. Education is the kindling of a flame, not the filling of a vessel. (Socrates)
10. טבעלעג נאך טיג האָבן ריא , פֿאַר קידעבעל ניטאָ ריא וואָס נסיוו טיג טאָן ריא ביוא, מייחל - If you don't know what you're living for, you haven't yet lived. (Rabbi Noah Weinberg)