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Rescue strategies in Drosophila models of neurodegenerative diseases

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STELLINGEN

behorende bij het proefschrift

Rescue strategies in *Drosophila* models of neurodegenerative diseases

1. The enzyme cystathionine γ -lyase is a potential candidate for the treatment of SCA3-associated tissue degeneration on the level of secondary pathological processes, such as increased oxidative stress and immune responses – *this thesis*
2. Protein persulfidation might be one of the important signaling processes implemented in the pathology of neurodegeneration, and its modulation might reverse some of the neurodegenerative phenotypes – *this thesis*
3. Cells and organisms possess an alternative mechanism to influence intracellular coenzyme A (CoA) levels with the use of exogenous CoA – *this thesis*
4. Pantothenate kinase-associated neurodegeneration (PKAN) phenotype can be diminished by supplementing extracellular CoA in disease models – *this thesis*
5. The new PKAN fly wing model allows for large-scale genetic and chemical screens to search for specific modifying genes and pathways – *this thesis*
6. In the future, the treatment strategy of neurodegenerative diseases should combine different approaches to achieve a higher therapeutic efficacy – *this thesis*
7. If everyone demanded peace instead of another television set, then there'd be peace – *John Lennon*
8. The eye identifies itself not with the body it belongs to but with the object of its attention – *Joseph Brodsky*
9. This piece of paper is a reflection of a PhD student's comfort zone: the last part of it consists of hypotheses without any scientific proof
10. Love, ethic and desire for constant development should be the driving force of one's actions