

Stellingen behorend bij het proefschrift

### **Ciliary length control**

All types of cilia have important sensory functions that are critical for controlling a large number of cellular and developmental processes (Pedersen and Rosenbaum, 2008)

Cilia are dynamic structures whose lengths can be modulated by different signaling pathways (Avasthi and Marshall, 2011)

The kinases MRK and MOK localize to the cilium, and negatively regulate cilia length (This thesis)

MRK negatively regulates the velocity of anterograde IFT (This thesis)

MRK and MOK act together with the mTOR pathway when regulating cilia length and IFT (This thesis)

*C. elegans*' SQL-1 is ubiquitously expressed, and localizes to the Golgi apparatus (This thesis)

SQL-1 contributes to the stability of the IFT machinery (This thesis)

If you only read the books that everyone else is reading, you can only think what everyone else is thinking (Haruki Murakami)

Seventy percent of success in life is showing up (Woody Allen)

Adventure without risk is Disneyland (Douglas Coupland)

De enige echte vertellers zijn zij die zwijgen (Herman Brusselmans)

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