Polycystins modulate intracellular signaling pathways (*this thesis*).

Aberrant MAPK signaling is one of the molecular defects in polycystic kidney disease. (*this thesis*)

Aberrant Wnt/beta-catenin signaling is not a major factor in ADPKD. (*this thesis*)

The fact that heterozygous *Pkd1* and *Pkd2* knock-out mouse models are relatively normal implies that these models are not representative for the human disease or, rather, that there are additional (environmental) factors contributing to disease initiation and progression.

Sub-lethal cellular damage normally accumulated during life may be an environmental factor in ADPKD cyst formation. (*this thesis*)

Are polycystins multi-purpose cellular tools?

Cell polarity is essential for life.

Cellular signaling is a plastic multi-dimensional network.

The true sign of intelligence is not knowledge but imagination. *Albert Einstein*

Despite my thirty years of research into the feminine soul, I have not been able to answer... the great question that has never been answered: what does a woman want? *Sigmund Freud*