

## Propositions belonging to the thesis

### Challenges in cancer therapy: molecular targets, signaling pathways and personalization?

1. Consumption of guanine nucleotides can affect other elements of the cellular machinery, such as protein translation and signal transduction. (*This thesis*)
2. MMF is strongly associated with reduced disease recurrence and improved survival in HCC-related liver transplant patients. (*This thesis*)
3. LRCs are superior in colony formation, tumor initiation and resistance to MPA as compared to fast-cycling cells. (*This thesis*)
4. IMPDH activity represents a potential molecular marker of the responsiveness to MPA treatment. (*This thesis*)
5. Molecule IMPDH2 suppresses cell growth in hepatocellular carcinoma. (*This thesis*)
6. Cell death by necrosis is clearly under genetic control in some circumstances, rather than being a random and undirected process. (*Galluzzi L, et al. Cell 2008*)
7. The case against science is straightforward: much of the scientific literature, perhaps half, may simply be untrue: “poor methods get results”. (*Richard Horton, The Lancet 2015*)
8. The links between metabolism and cancer are multifaceted. (*Chi V .Dang. Gene & Development 2012*)
9. Different fibroblast subtypes are now shown to either promote or suppress inflammation-associated intestinal cancers. (*Erwin F Wagner, Nature, 2016*)
10. If you believe everything you read, better not read. (Mencius)  
“尽信书，则不如无书” -----孟子
11. Learning without thought is labor lost; thought without learning is perilous. (*Confucius*)  
“学而不思则罔，思而不学则殆” -----孔子

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