

Phosphatases in Cancer shifting the balance

1. Dephosphorylation events by phosphatases do not always terminate signaling, but can also activate signaling pathways. *(this thesis)*
2. Low molecular weight protein tyrosine phosphatase (LMWPTP) acts as oncogene in prostate and colorectal cancer. *(this thesis)*
3. Protein tyrosine phosphatase 1B (PTP1B) is an independent prognostic marker of colorectal cancer disease outcome. *(this thesis)*
4. Inhibition of the enzymatic activity of the lipid phosphatase SHIP2 forms a novel treatment option in the battle against colorectal cancer. *(this thesis)*
5. While oncogenic kinases are generally linked to increased cell proliferation, the here identified tumor-promoting phosphatases may play a more important role in cell migration. *(this thesis)*
6. While cell migration is mostly considered as driver of metastasis formation, it is also a key factor in the initial growth of a tumor mass. *(Waclaw et al. Nature 2015)*
7. Negative results from well-designed studies are unlikely to find a home in a high-impact journal, and so the literature paints a distorted picture of reality. *(Dorothy Bishop, Professor of Developmental Neuropsychology, University of Oxford)*
8. Criticism may not be agreeable, but it is necessary. It fulfils the same function as pain in the human body. It calls attention to an unhealthy state of things. *(Winston Churchill)*
9. The posting of numerous selfies is related to both higher narcissism and psychopathy. *(Jesse Fox, Personality and individual differences 2015)*
10. Sometimes it's not enough to know what things mean, sometimes you have to know what things don't mean. *(Bob Dylan)*
11. Never let the fear of striking out keep you from playing the game. *(Babe Ruth)*