Stellingen

Behorend bij het proefschrift

Preclinical and Clinical Aspects of Taxane Responsiveness and Sensitivity in Castration Resistant Prostate Cancer

Eleonora Susanne De Morrée

Docetaxel resistentie is gerelateerd aan inefficiënte intratumorale concentraties
(dit proefschrift)

EG5 expressie is een marker voor tumor agressiviteit en docetaxel response in prostaatkanker
(dit proefschrift)

Overexpressie van SLOC1B3 verhoogt de gevoeligheid voor taxanen, verlies van SLCO1B3 leidt tot resistentie
(dit proefschrift)

Het totaal aantal kuren docetaxel is een onafhankelijke factor voor overleving in mCRPC
(dit proefschrift)

Enzalutamide induceert *in vivo* kruis-resistentie met docetaxel, maar niet met cabazitaxel in tumor modellen
(dit proefschrift)

"Prostate cancer can be classified into five genetically-different types. These findings could help doctors decide on the best course of treatment for each individual patient, based on the characteristics of their tumor"
(Alastair Lamb)

"The molecular make-up of each tumor is going to drive personalized medicine "
(Michael Pellini)

"Compared with xenografts from previously established cell lines, patient-derived xenografts may more faithfully recapitulate the molecular diversity, cellular heterogeneity, and histology seen in patient tumors, although other limitations of murine models remain"
(Kopetz et al Clin Cancer Res, 2012, Oct 1;18(19):5160-2)

"Essentially, all models are wrong, but some are useful"
(*George Box, Norman Draper (1987))*

"Science never solves a problem without creating ten more."
-George Bernard Shaw (1856 - 1950)

"Busting the baby brain myth: Motherhood makes the mind sharper"
New Scientist, 2016