

Een persoonlijker behandelplan

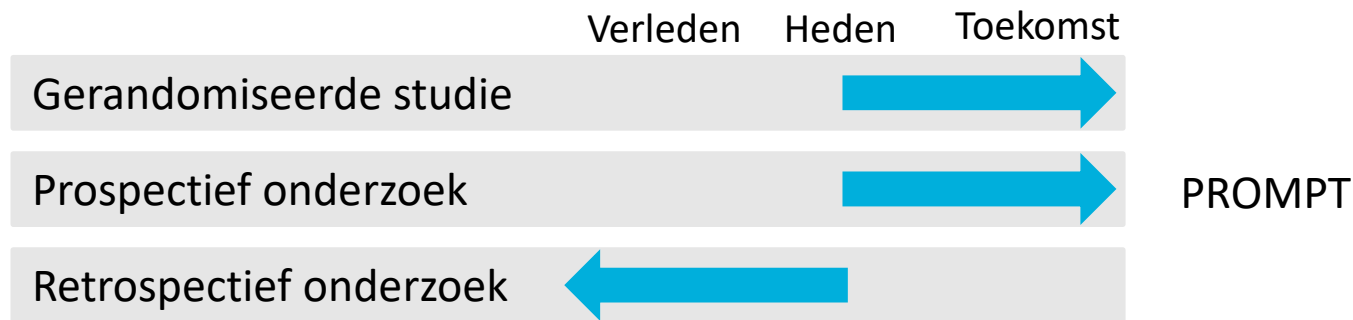


Dr. Peter Slootbeek
Arts-promovendus Medisch Oncologie



Radboudumc

Soorten onderzoek



Het spectrum van prostaatkanker



Eén behandelstrategie voor iedereen

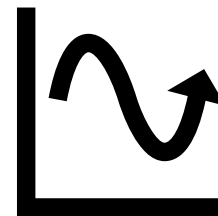
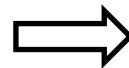
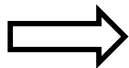
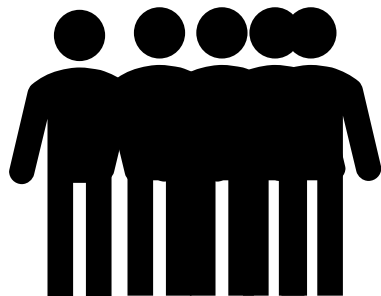


Voor iedereen

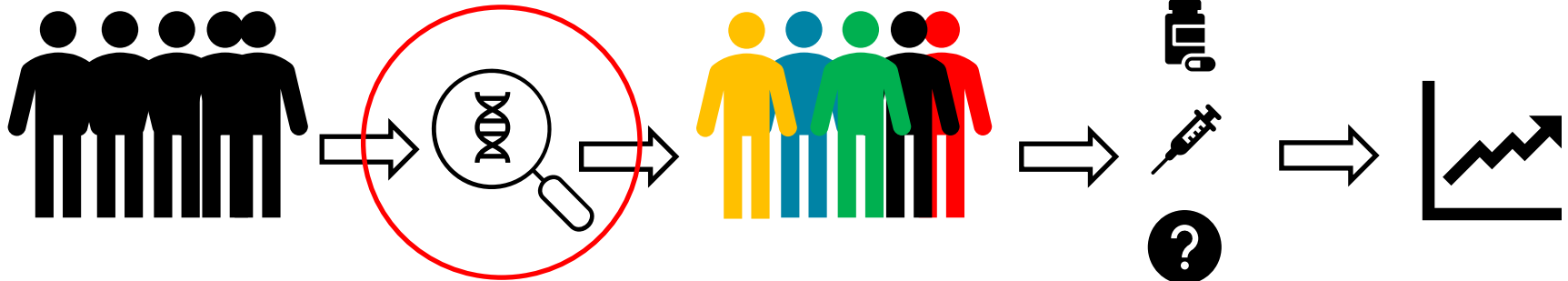
- Enzalutamide
- Abirateron
- Docetaxel
- Cabazitaxel

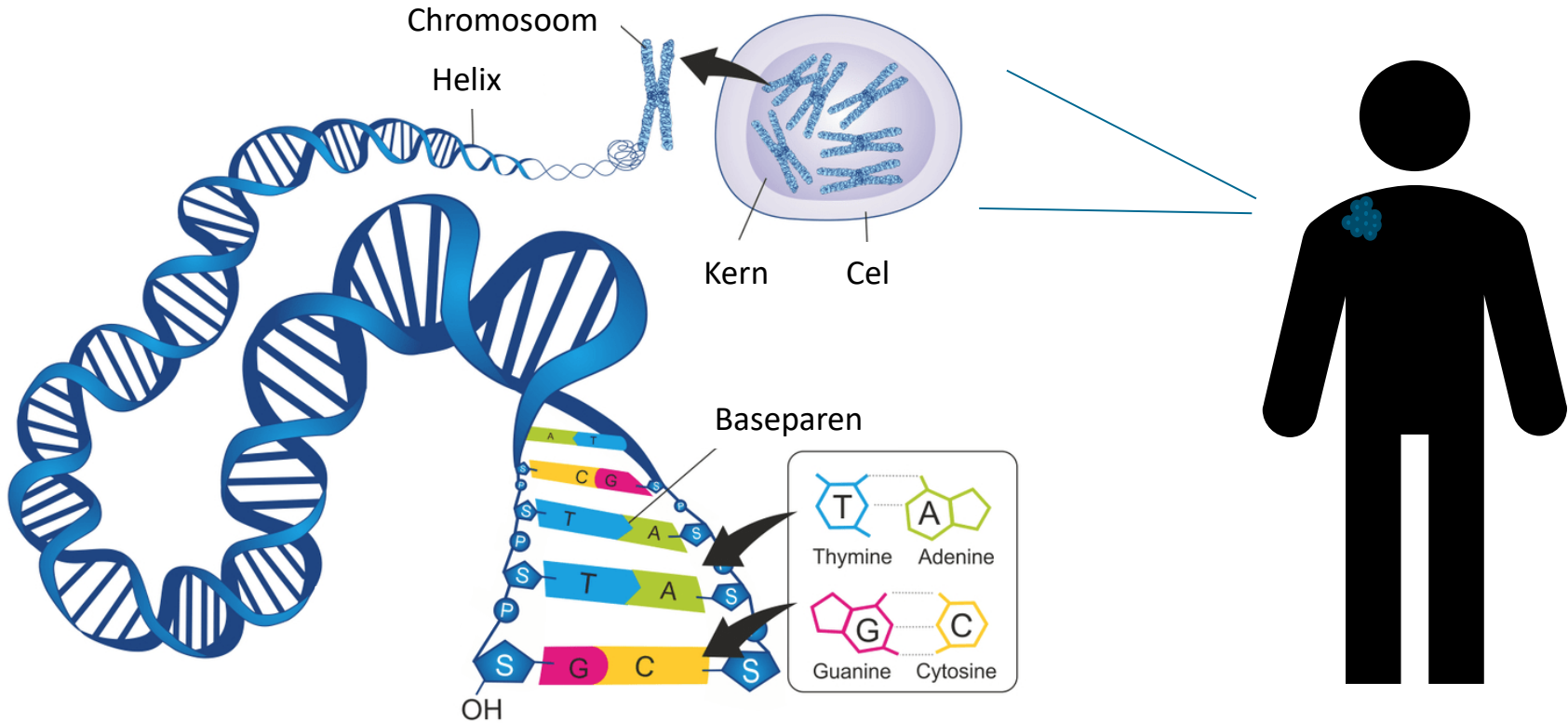
Voor sommigen

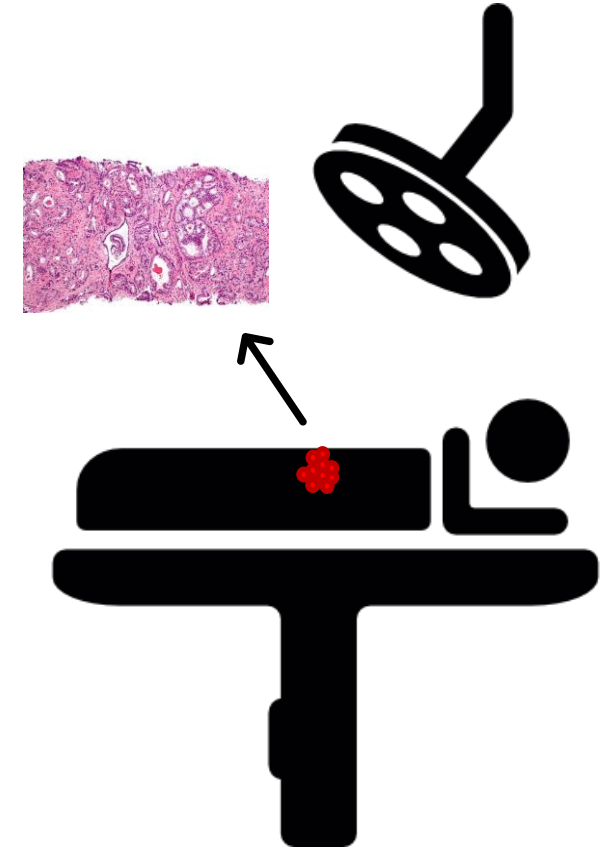
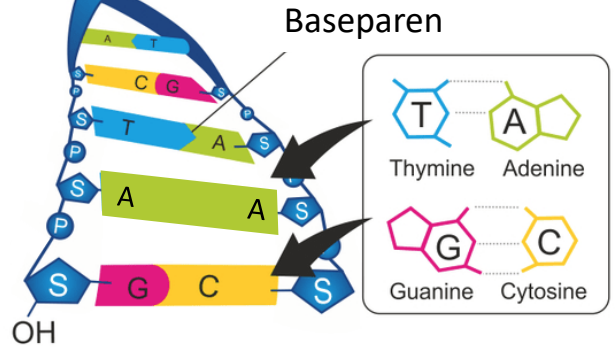
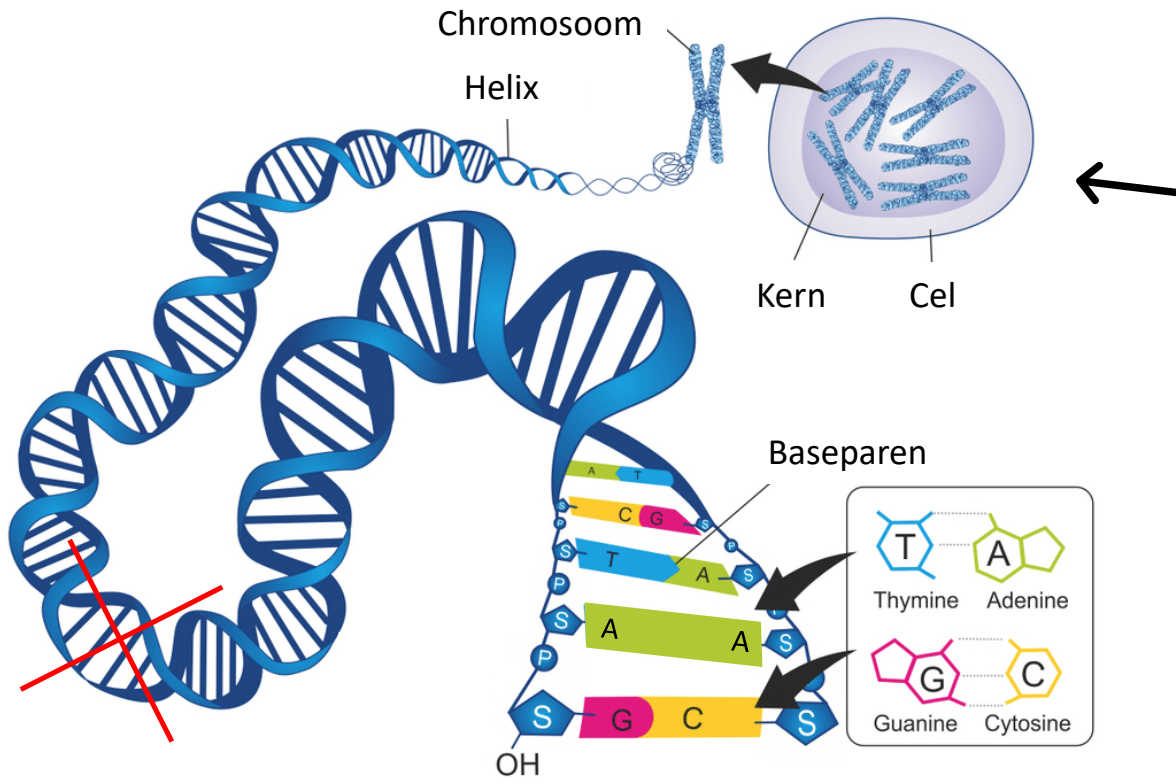
- Radium-223
- PSMA-Tx
- Olaparib



Persoonsgerichte behandelingen







Kenmerken van kanker

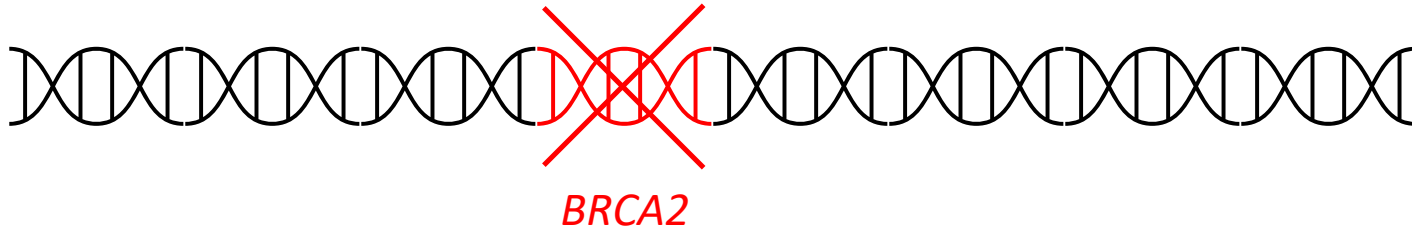
Blijven delen

Celdood weerstaan

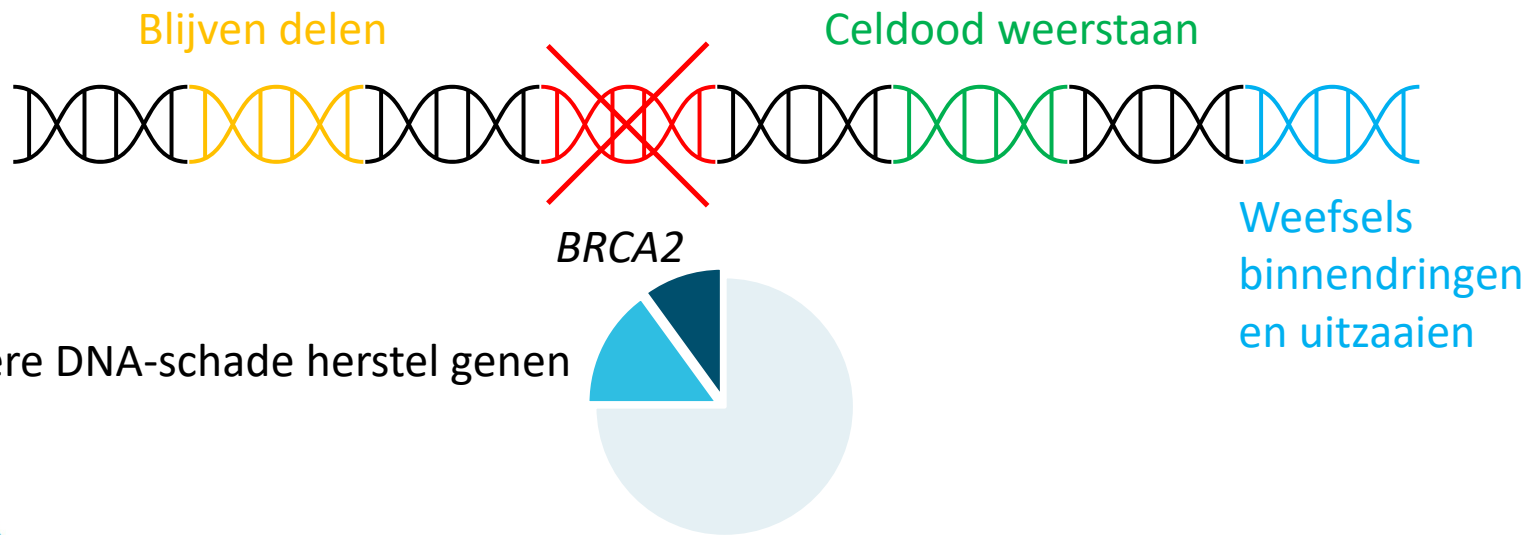


Weefsels
binnendringen
en uitzaaien

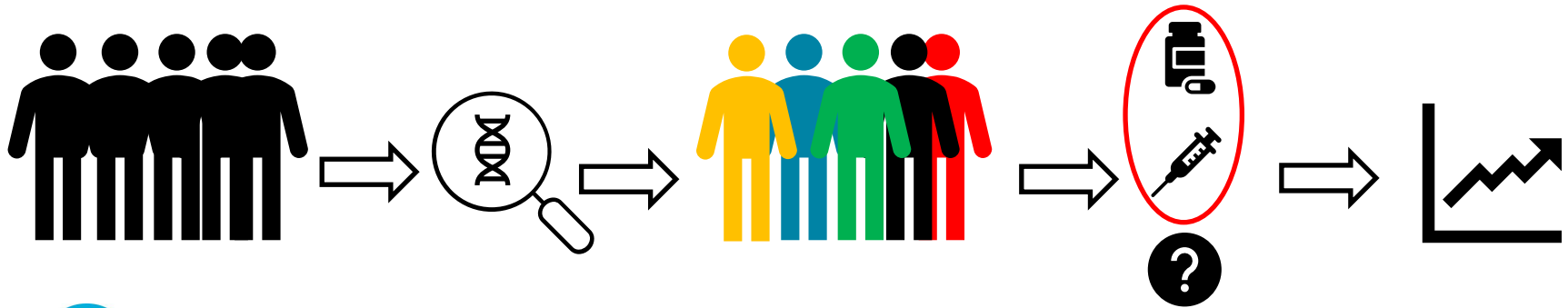
DNA-schade herstellen



DNA-schade herstelgenen



Persoonsgerichte behandelingen



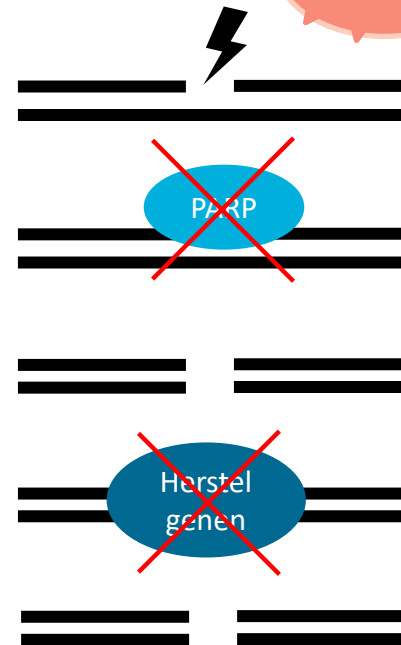
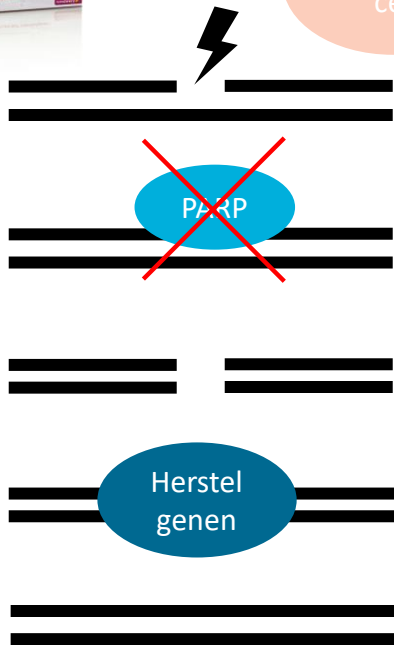
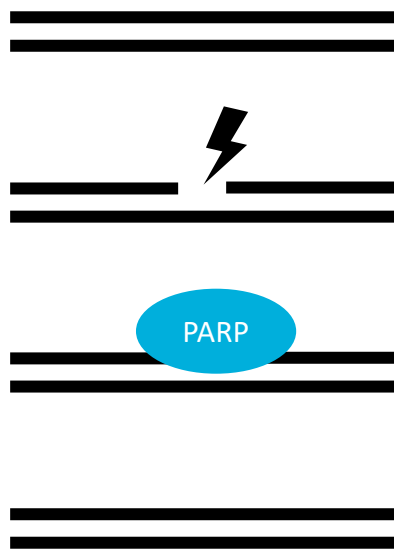
Olaparib

Een PARP-remmer

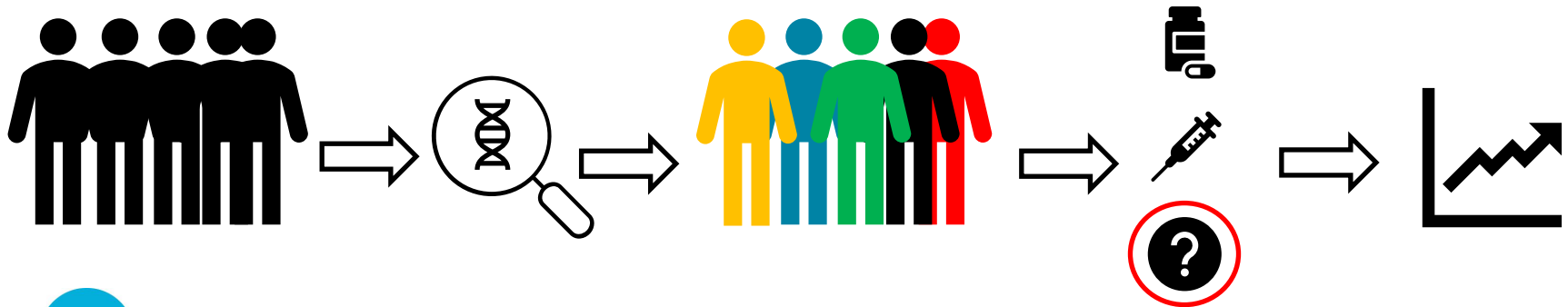


Normale cel

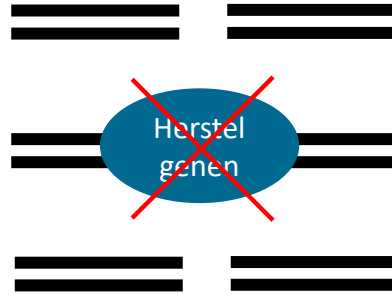
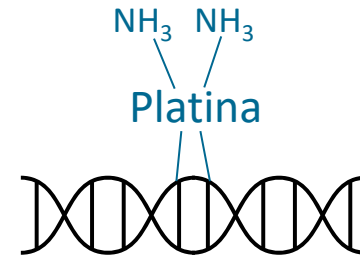
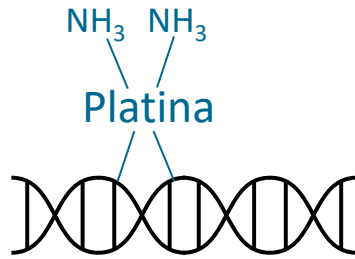
Kanker cel



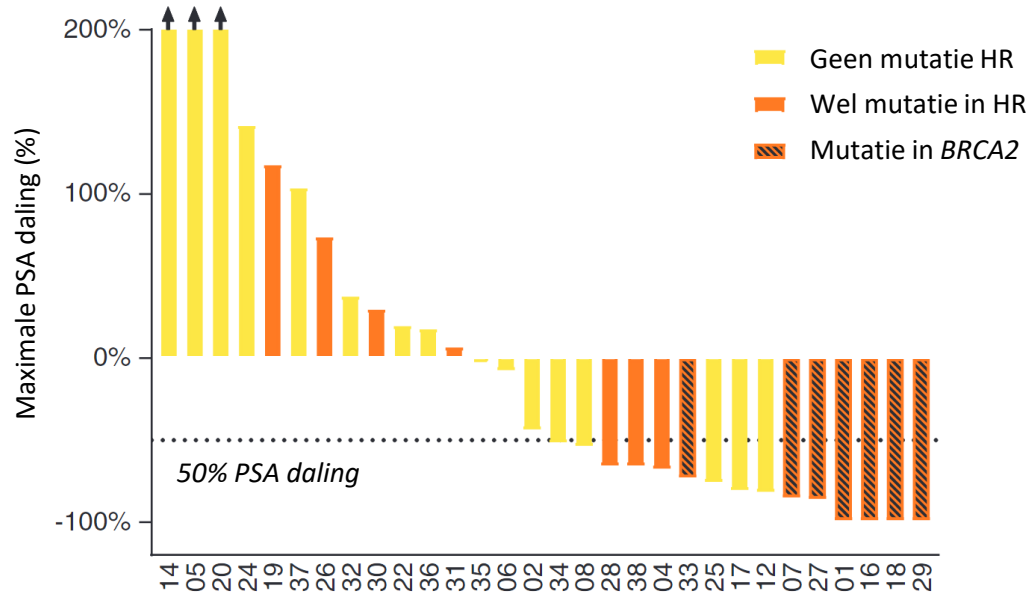
Persoonsgerichte behandelingen



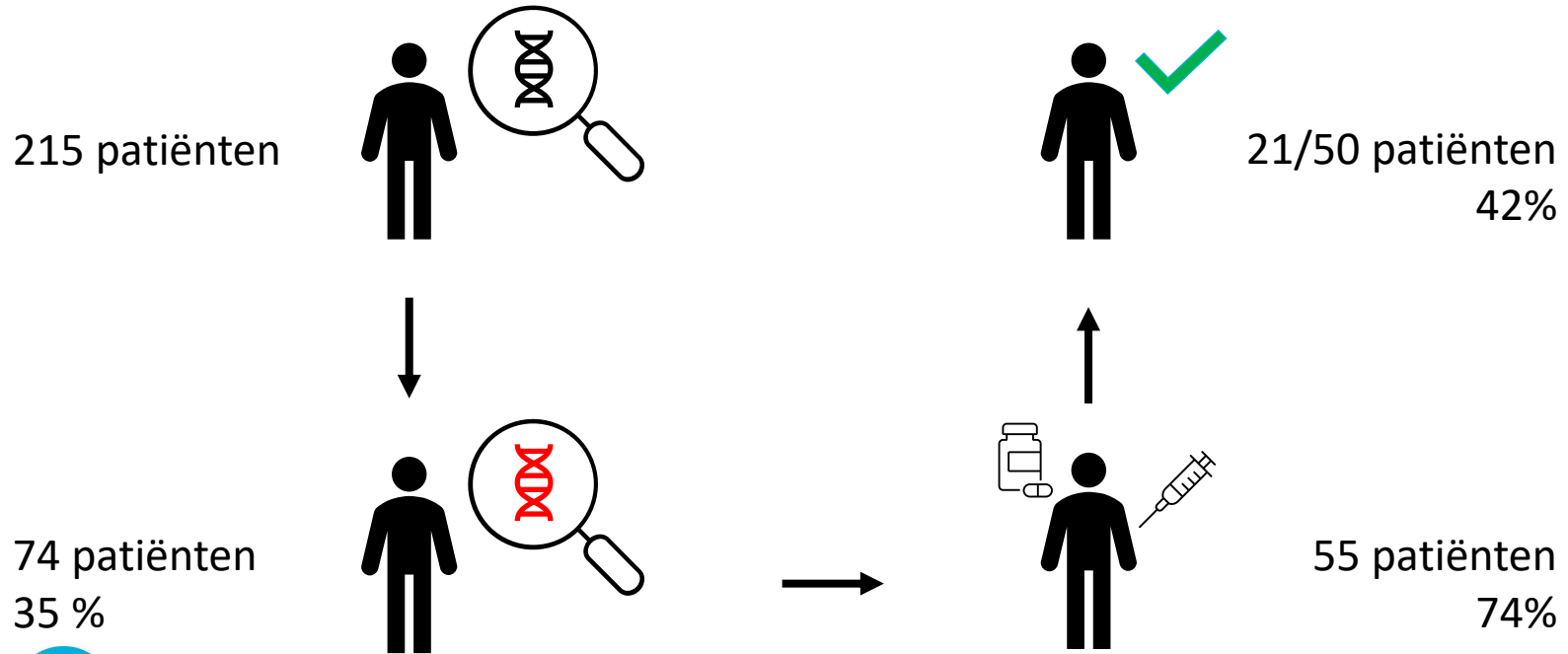
Chemotherapie met platina-verbindingen



Resultaat van platina-chemotherapie



2017 – 2020



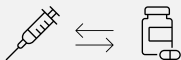
Lopende onderzoeken



Uitzoeken waarom patiënten niet reageren



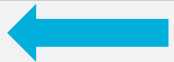
Andere manieren om naar DNA te kijken



Beste volgorde van therapieën



Effect van mutaties in DNA-herstelgenen op andere middelen



Heden



Samenvattend

- Mutaties die kanker **veroorzaken** kunnen **tegen** de kanker gebruikt worden
- De impact van elk gen nog onduidelijk en de relatie met andere therapieën moet nog verder onderzocht worden
- Persoonsgerichte therapie ook voor gen afwijkingen buiten DNA-herstel genen

Zonder deelnemers en weefsel is onderzoek niet mogelijk, bedankt!