

Udvikling af klinisk relevante genotypnings-assays

Development of genotyping assays with clinical relevance

Baggrund/ Background

PentaBase har den rette teknologi til og besidder stor erfaring i udvikling af genotypnings-assays til bestemmelse af enkelt-base polymorfier (SNPs). Vi ønsker at benytte dette til at fremstille en analyse-metode der, via genotypning af gener involveret i metabolisme af lægemidler, kan sikre optimal dosering af disse til glæde for patienter og sundhedsbudgetter.

PentaBase has the optimal technology for and a lot of experience in development of assays for genotyping of single nucleotide polymorphisms (SNPs). We wish use this to develop assays for genotyping of genes involved in metabolism of drugs, thereby ensuring correct use and dosage of these for the benefit of patients and healthcare economics

Hvor/ Where

Projektet vil hovedsageligt foregå i PentaBases laboratorier i Odense C.

The project will mainly take place in PentaBase's laboratories in Odense C.

Varighed/ Duration

Projektet varer 2-12 måneder.

The duration of the project is 2-12 months.

Teknikker der skal anvendes/ Techniques

Real-time PCR, assay design, DNA ekstraktion, Data-analyse, Litteratur studier

Real-time PCR, assay design, DNA extraction, Data analysis, Literature studies