NINOPrECISE

Personalized Engine for Cancer Integrative Study and Evaluation

The aim of PrECISE is to **improve the treatment of patients suffering from prostate cancer** via identification of disease mechanisms and provision of treatment recommendations based on therapeutic biomarker for individual patients.

Main objectives of the PrECISE project:

- Development of a **comprehensive computational methodology**
- Characterization of **intra-tumour heterogeneity**
- Suggestion of **chemotherapy drugs** and **targeted therapies**
- Development into **deployable, easy to use** software tools

The expected outcome of the PrECISE project is the development of **a software framework** serving as a proof of concept, that provides intuitive tools to **deposit, share, analyze** and **visualize molecular and clinical data** to **infer prognosis, elucidate implicated mechanisms** and **recommend therapy** accordingly.

Project Consortium

TECHNIKON · IBM · RWTH AACHEN UNIVERSITY

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