



The ACGT Workplan relies on three core activities:

- Integration

Combination of **Clinical History**, of **Medical Imaging**, and of **Genetic Data** into advanced databases

- Knowledge Grid

Development of a bio-medical Grid infrastructures for the distributed mining and **extraction of knowledge** from large scale data repositories and creating a **high performing computational environment**

- Clinical Trials

Design and implementation of **clinical and genomic** inquiries on **breast cancer** and **paediatric nephroblastoma**; in addition, **in-silico** oncology trial scenarios will be run to validate **tumour-growth simulation**