



GKNOWMIX PLATFORM



VISION:

To provide a **global genetic testing service** delivery system and database tool for seamless **conversion of research and innovation**

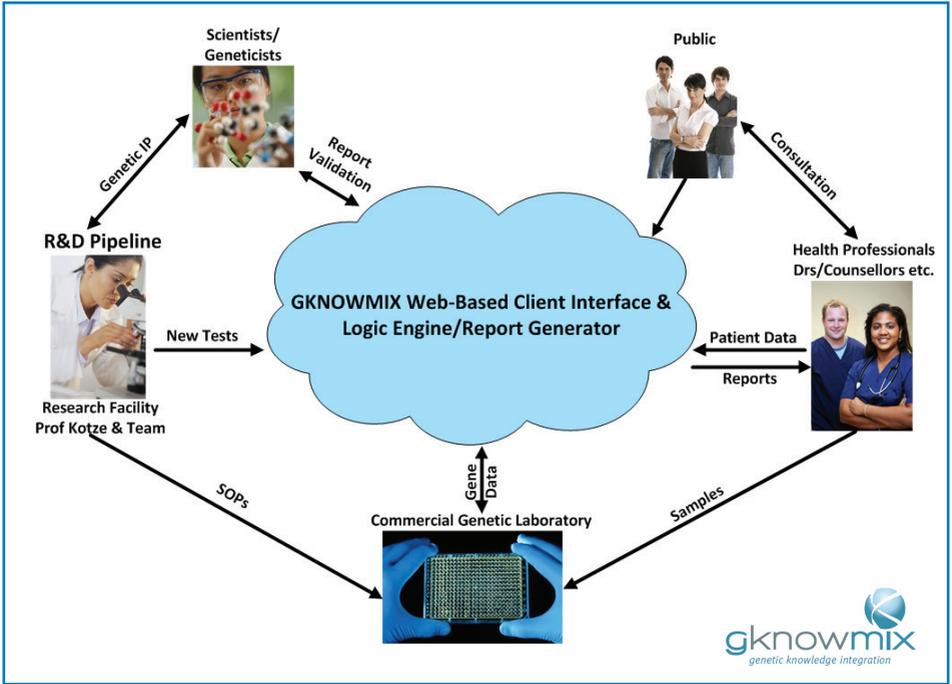
The Gknowmix platform addresses two important current trends:

- an increasing move towards personalised medicine
- a move from reactive (treating diseases and disorders as they occur) to preventative/predictive (determining risk factors and taking steps to prevent them) health-care practices and targeted treatment.

Genetic testing for predisposition to various diseases is available. However, the actual probability of a disease occurring cannot be predicted by genetics alone. Hence, Gknowmix has developed a comprehensive web-based diagnosis tool that incorporates other crucial factors such as clinical, pathological and lifestyle factors.

The report developed by this application can be used by doctors to explain to a patient why a particular medical diagnosis exists, or areas of risk that may occur should particular clinical or lifestyle factors not be addressed.

The Gknowmix model also enables geneticists at academic institutions to become part of the Gknowmix network by integrating their validated laboratory findings and information gathered during pre-test genetic counselling into the web-based system and benefiting from the multi-disciplinary knowledge management process



Global genetic testing service delivery system and database tool

COLLABORATING FOR MEDICAL INNOVATION WITH:



MEDICAL INNOVATION SUPPORTED BY THE DST AND NIPMO





**FOR MORE INFORMATION,
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