

Theranostics Lab provides a specialised service for the delivery of molecular diagnostics to clinicians and the public.

A core philosophy of the company is to improve public health through effective screening programmes and improve sustainability in medicine by matching the right treatment to the right individual.

We also support a strong social responsibility programme.



Theranostics^{LAB}. Your Genes. Your Health.

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Your Genes. Your Health.



Biobank

Theranostics^{LAB}.



Personalised Medicine

Personalised medicine is a holistic approach to medicine, and uses molecular diagnostic tools, in combination with advanced informatics, eg using a person's age, gender, weight etc, to individualise a treatment strategy.

The aim is to make medicine more predictive, preventive, personalised and participatory – in short, P4 medicine.

This is a philosophy change to current practice and will lead to improved patient care and reduced costs by reducing wastage and treatment injury.

Pharmacogenomics, proteomics, metabolomics and nanomedicine are emerging fields of science which sit within the framework of personalised medicine.

Theranostics Lab will translate relevant discoveries from each of these areas into tools that assist in patient care.

Banking a Sample

Specimen Requirements

Blood, urine, faeces or other body fluid/tissue. See supplied pack.

Storage Conditions

4°C

Transport Conditions (if off site)

Keep cooled.

Documentation

You will be provided with an information sheet and consent form.

Storage

Your sample will be stored in the clinical laboratory at North Shore hospital. You can request it to be destroyed at any time. The blood or other sample you provide will be stored for several years.

Security

Your sample will be deidentified (i.e. your name removed and a code attached). The code will link the results to your electronic medical records. Like a bank this is ultrasecure.

Governance

Access to your sample is available directly to you but for others only through application to an Ethics committee.

Biobank

A Biobank is a resource that contains biological material, such as DNA samples, and personal information (data) on a large number of people.

This resource/biobank has two main aims. The first aim is to gain a better understanding of the interactions between genes, environment and the way we live that influence health or cause diseases. The second aim is to use this understanding to develop new drugs, genetic tests and treatments and to plan public health strategies that will benefit everyone. Taking part involves you giving a broad consent. This means that you consent for your personal information and samples to be used for a variety of medical research purposes. Also, your personal data held in the Biobank will be regularly updated by being linked to your electronic medical record and other sources of administrative health information.

As new information is learned your clinical records will be revised to your benefit. This information will be available when you next attend hospital or your family doctor. This may also include contacting you about newly available treatments. If, after reading the accompanying information pamphlet, you are unhappy about either of these aspects, you should not take part.

If you have questions please contact us using the email address or phone number on this brochure. This Biobank will be overseen by a Governance group, which includes doctors, ethicists and members of the community.