

Your comprehensive genetic testing service

Sonic Genetics brings together the national and international expertise of Sonic Healthcare to provide doctors, patients and families across Australia with a comprehensive range of accredited genetic tests.



DNA relationship testing

Defining the genetic relationship between people or tissue samples, using DNA markers.



Oncology

Mutation analysis of cancers, to help clarify diagnosis, prognosis and therapeutic decisions in cancer care.



Familial disorders

Identifying the genetic basis of familial disorders that affect children and adults.



Paediatric disorders

Childhood-onset disorders due to new cytogenetic abnormalities and inherited mutations.



Genetic counselling

Providing access to counselling services to assist in the management of genetic testing in families.



Pharmacogenomics

Analysis of genes involved in drug metabolism and hypersensitivity, allowing clinicians to prescribe with confidence.



Immunology

Analysis of genes modifying the risk of disease or responsible for familial disorders of the immune system.



Reproductive health

Screening of couples prior to conception, or during early pregnancy, including non-invasive prenatal testing.

With the ever-increasing expansion of genetics and genomics across all facets of medicine, we are constantly reviewing available test options and building on our assay menu.

For a full list of our assay menu, please visit sonicgenetics.com.au

Our full-time genetic pathologists oversee all genetic testing and reporting nationally. They are available to discuss test selection or results by contacting Sonic Genetics on 1800 010 447.



Professor Graeme Suthers BSc (Med), MBBS, PhD, FRACP, FRCPA, GAICD
Director, Genetics, Sonic Healthcare (Australia)

Professor Graeme Suthers is one of Australia's most respected experts in the field of genetics. With an outstanding career and extensive experience in genetics, healthcare and research, Professor Suthers is nationally and internationally recognised for his expertise in genetic disorders, testing and clinical service provision. His goal is to provide genetic services of the highest quality and utility to patients, families and managing clinicians.

E: graeme.suthers@sonicgenetics.com.au



Dr James Harraway MB ChB, FRCPA, DPhil
Director, Genetics, Sullivan Nicolaides Pathology

Dr James Harraway's interest in genetics stems back to high school in New Zealand, when he was introduced to concepts such as round and wrinkled peas, and Punnett squares. After a few years working as a junior doctor, he learned about the (then) relatively new subspecialty of genetic pathology, and started his specialist training. Dr Harraway is interested in all areas of genetics and has particular expertise in inherited and somatic (oncology) genetic testing, and molecular cytogenetics.

E: james.harraway@sonicgenetics.com.au



Dr Melanie Galea MBBS (Hons), BMedSc (Hons), FRCPA (Genetics)
Director, Genetics, Douglass Hanly Moir Pathology

Dr Melanie Galea is a medical and medical science graduate from the University of Sydney, and attained her FRCPA in Genetics in 2014. Her genetic pathology career has involved exposure to a broad range of molecular and cytogenetic techniques in Australian diagnostic public and private laboratories in New South Wales and Queensland.

Dr Galea is particularly interested in the application of massively parallel sequencing technologies to clinical medicine, specifically in constitutional paediatric and somatic solid tumour contexts.

E: melanie.galea@sonicgenetics.com.au



Dr Marina Berbic BMedSc, MBBS, MScMed (RHHG), PhD (Med), FRCPA (Genetics)
Genetic Pathologist, Douglass Hanly Moir Pathology

Dr Marina Berbic has undertaken specialist training in genetic pathology at Prince of Wales Hospital and Douglass Hanly Moir Pathology. Dr Berbic is an Adjunct Senior Lecturer in the School of Women's and Children's Health at the University of New South Wales, a member of the Mackenzie's Mission (Reproductive Genetic Carrier Screening) Variant Review Committee, and a member of the Splice ACORD (Australasian Consortium for RNA Diagnostics) Committee.

She has a particular interest in reproductive genomics and is passionate about integrating sequencing technologies in clinical decision-making and personalised patient care.

E: marina.berbic@sonicgenetics.com.au

Sonic Genetics is Sonic Healthcare's centre of excellence in genetic pathology testing.

As the largest pathology provider in the country, Sonic Healthcare's state-of-the-art laboratories and extensive network of collection centres serve each state and territory capital, as well as regional and rural Australia.

- Douglass Hanly Moir Pathology
- Sullivan Nicolaides Pathology
- Melbourne Pathology
- Barratt & Smith Pathology
- Capital Pathology
- Clinpath Pathology
- Bunbury Pathology
- Clinpath Pathology
- Hobart Pathology
- Launceston Pathology
- North West Pathology
- Southern.IML Pathology