

InGeNA Position Statement

Genomics for Prevention and Population Screening

Purpose

InGeNA is Australia's national industry body for genomics and precision medicine. Our purpose is to accelerate the adoption and mainstreaming of genomics into the healthcare system in ways that deliver equitable, sustainable, and system-wide benefit for patients.

This position statement outlines InGeNA's views on the application of genomics for prevention and population screening.

InGeNA's position

InGeNA is highly supportive of the application of genomics for prevention and population screening.

We recognise the significant potential of genomics to identify risk earlier, enable preventive interventions, and improve health outcomes at scale.

Our focus is on accelerating the transition of genomics from pilots and research programs into **routine, mainstream healthcare**, where it can deliver consistent and equitable benefit for Australians.

System-level approach to prevention genomics

InGeNA supports prevention genomics being advanced through **system-level approaches**, rather than through isolated or bespoke programs. This includes:

- Integration of genomics into routine clinical pathways
- Alignment with existing screening, prevention, and care models
- Consideration of downstream impacts across the health system, including workforce, data, clinical services, and follow-up care
- Long-term sustainability and value for the health system and patients

Population screening and prevention genomics must be designed to operate at scale, across jurisdictions, and in a way that supports consistent access and quality of care.

Evaluation and national coordination

At this time, InGeNA supports the **Genomics Australia evaluation of population screening programs** as the appropriate and necessary mechanism to assess:

- Evidence and clinical utility
- System readiness and implementation requirements
- Prioritisation across prevention and screening opportunities
- Data governance and integration considerations

We see this evaluation as a critical foundation for informing the future expansion of population genomics and prevention programs in Australia. Establishing these system settings is essential before supporting or promoting individual programs or funding proposals.

Mainstreaming genomics into healthcare

InGeNA supports the **system-wide mainstreaming of genomics into healthcare**, including prevention and screening, through:

- Evidence-led policy and decision-making
- Coordinated national approaches
- Sustainable, federated funding models
- Integration into routine care rather than reliance on time-limited research funding

Our focus is on ensuring genomics is embedded as part of standard healthcare delivery, benefiting patients at scale and supporting long-term system sustainability.

Role of InGeNA

InGeNA's role is to:

- Support and represent our members
- Advocate for system-ready, coordinated genomics policy
- Reduce fragmentation and duplication
- Provide a trusted industry voice to government and stakeholders

We support initiatives and partnerships that align with these principles and with our purpose of advancing genomics for the benefit of patients and the health system.

Summary

InGeNA:

- Strongly supports genomics for prevention and population screening
- Focuses on accelerating adoption and mainstreaming into healthcare
- Supports Genomics Australia-led evaluation as the next critical step
- Advocates for system-wide, coordinated, and sustainable approaches

This position reflects our commitment to evidence-led policy, national coordination, and delivering genomics as part of routine healthcare in Australia.