



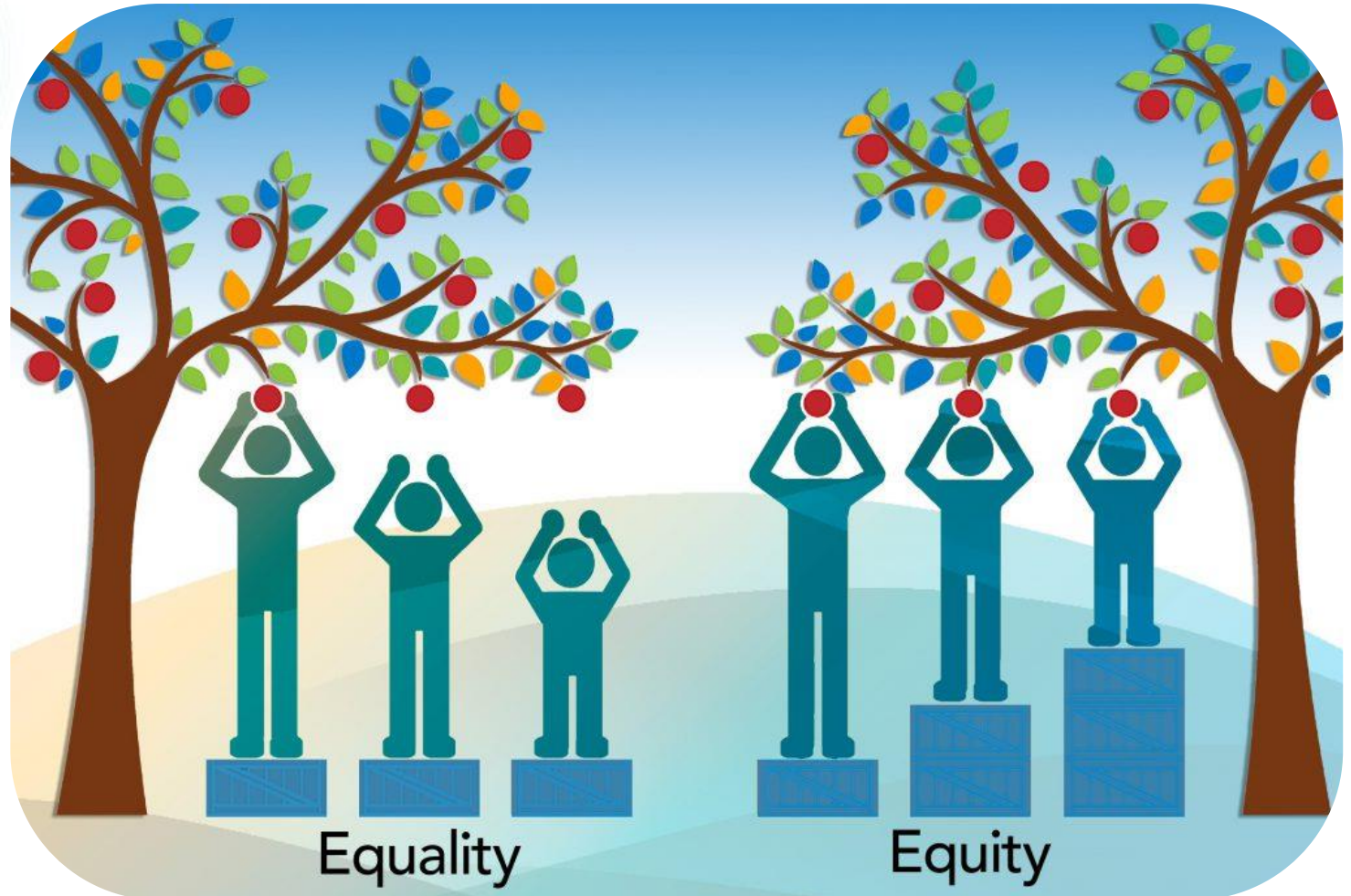
EQUITABLE ACCESS TO PERSONALISED CARE

**Ethical, Legal and Social Aspects
Related to Personalised Medicine**

EULAC PerMed Technical Workshop

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equality is not the same as equity



Main ELSI topics in Personalized Genomic Medicine Research

bioethics

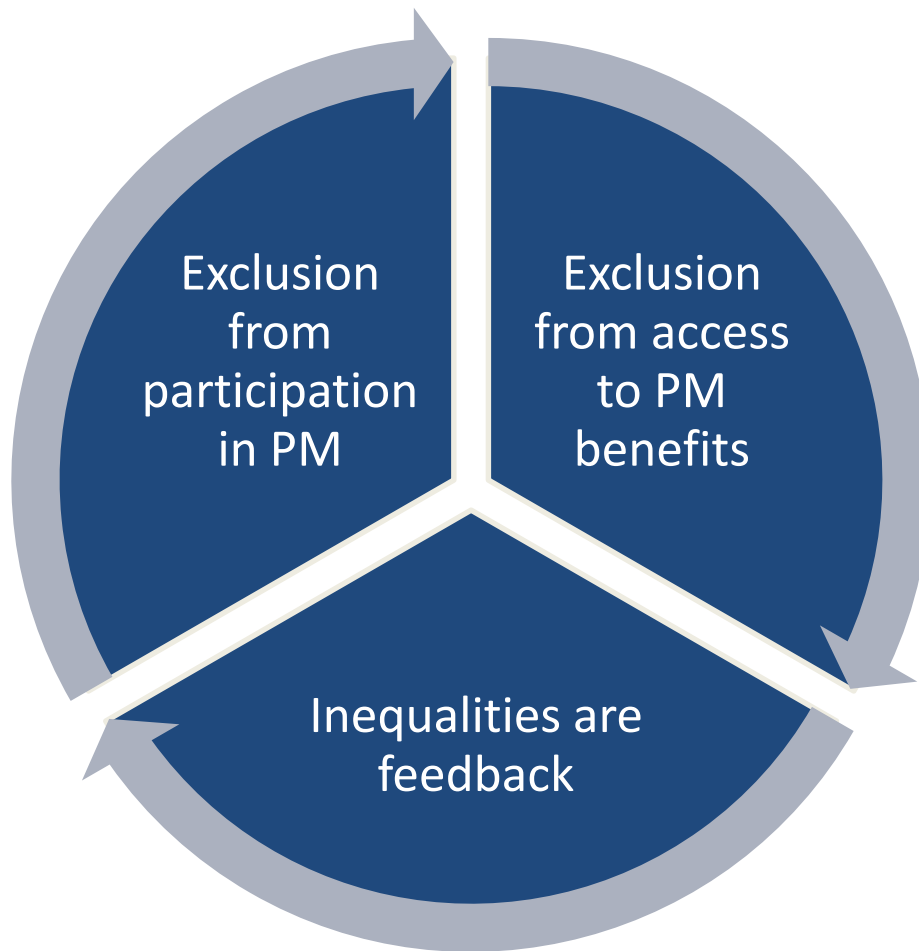


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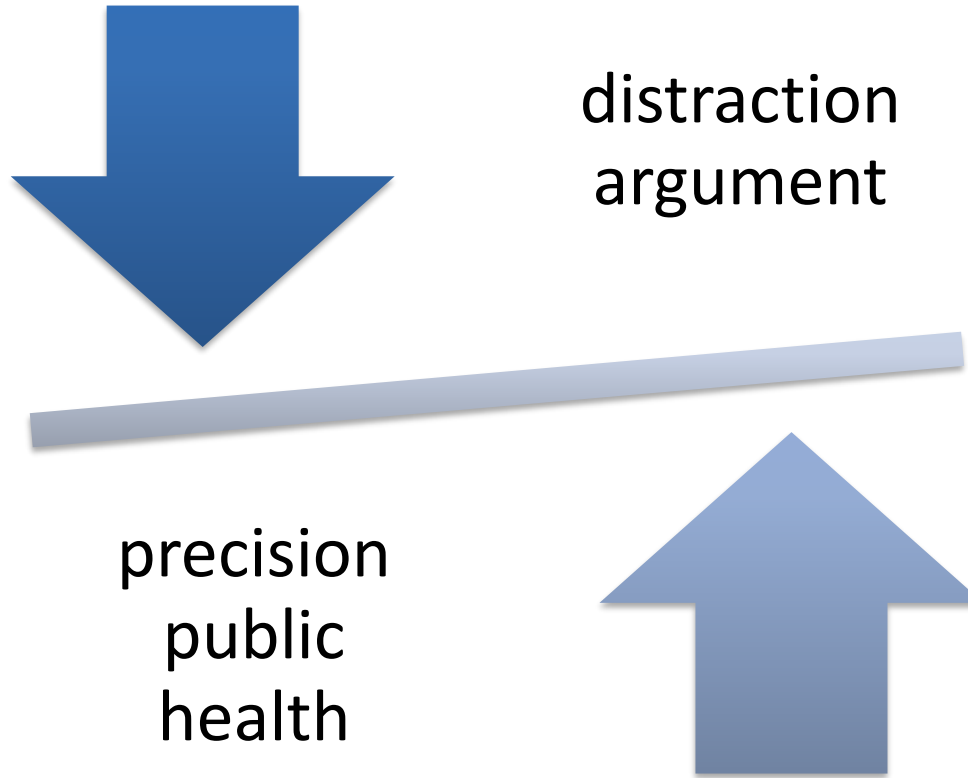
doi:10.1111/bioe.12285

- 5 **Justice and fairness, benefit-sharing, and equity considerations related to the enrollment of populations in research and the distribution of research benefits.** Health disparities and discussions about sample exportation from developing countries are also relevant. Article might also discuss reciprocity and scientists' duties to society or the implications of gene therapy and enhancement.
- 1 **Genetic Discrimination - Societal discrimination** based on genomic profiles generated in the course of participation as research subjects.

The vicious circle of inequities



Precision medicine and public health policies



The triangle of precision medicine and health public policies

Three-sided precision medicine

Precision medicine as the study at the intersection of biology, lifestyle and environment

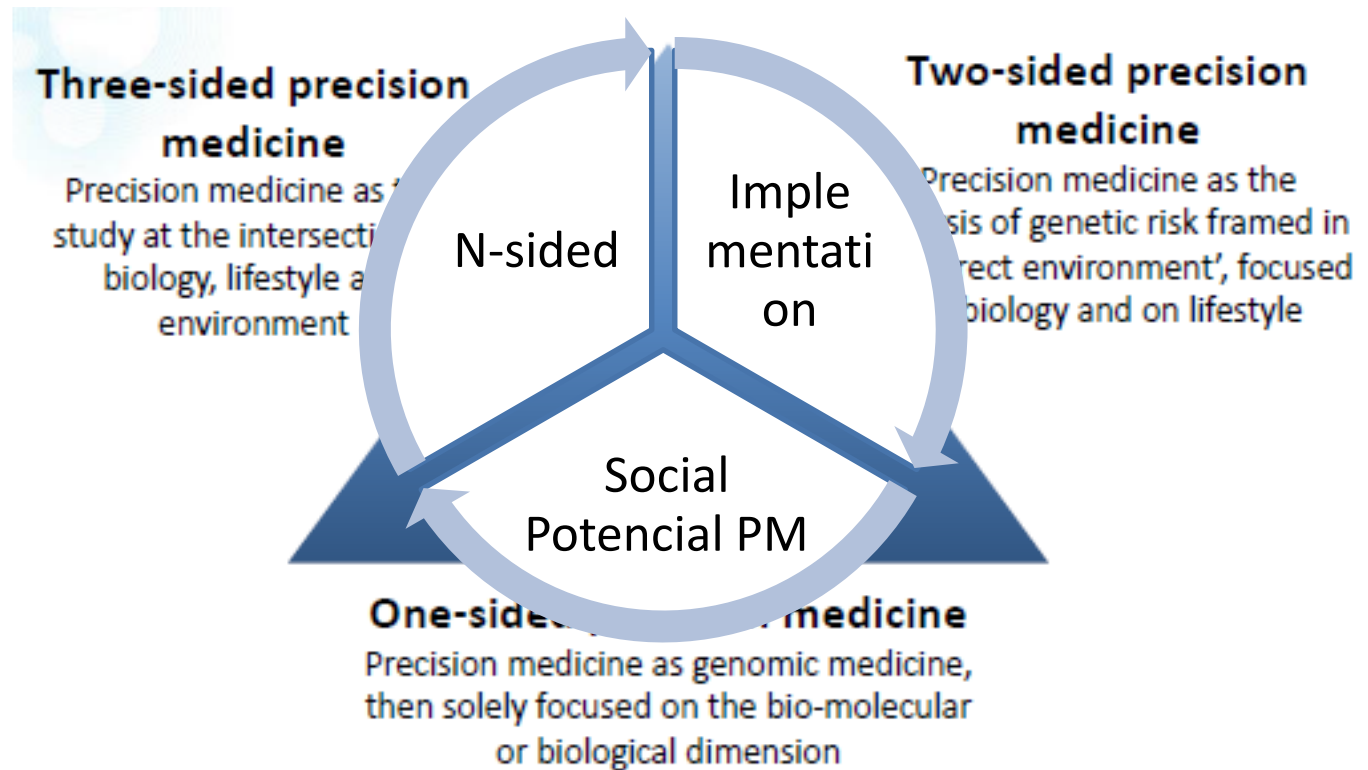
Two-sided precision medicine

Precision medicine as the analysis of genetic risk framed in the 'direct environment', focused on biology and on lifestyle

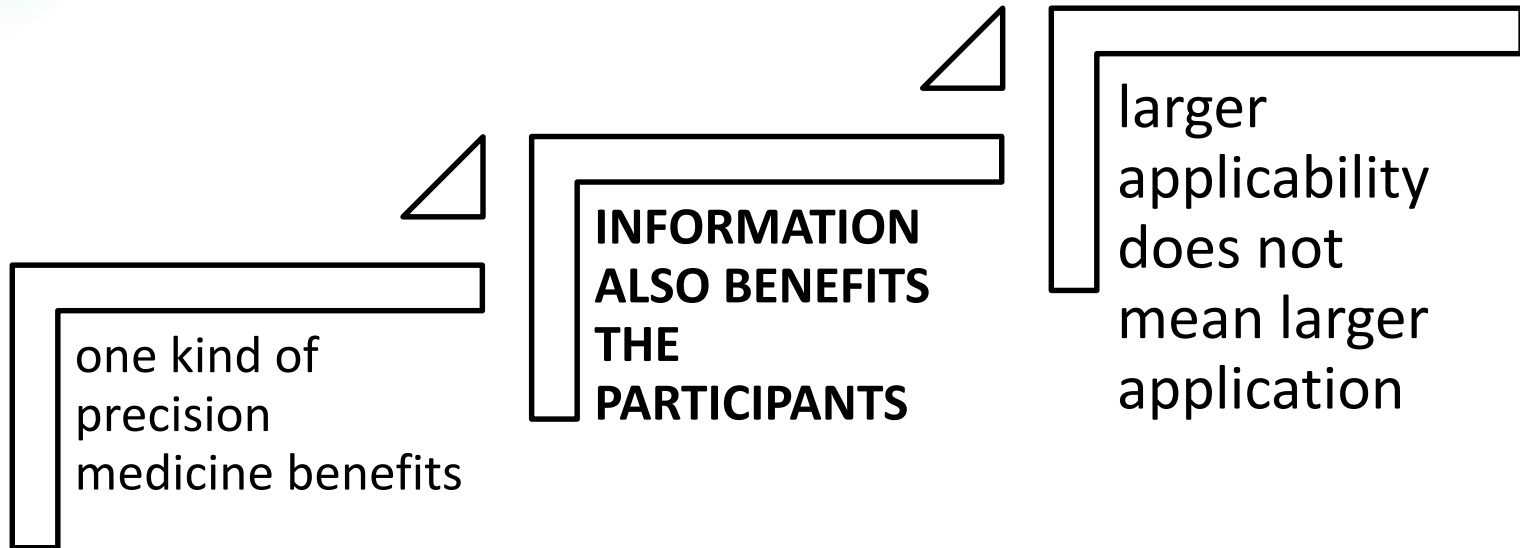
One-sided precision medicine

Precision medicine as genomic medicine, then solely focused on the bio-molecular or biological dimension

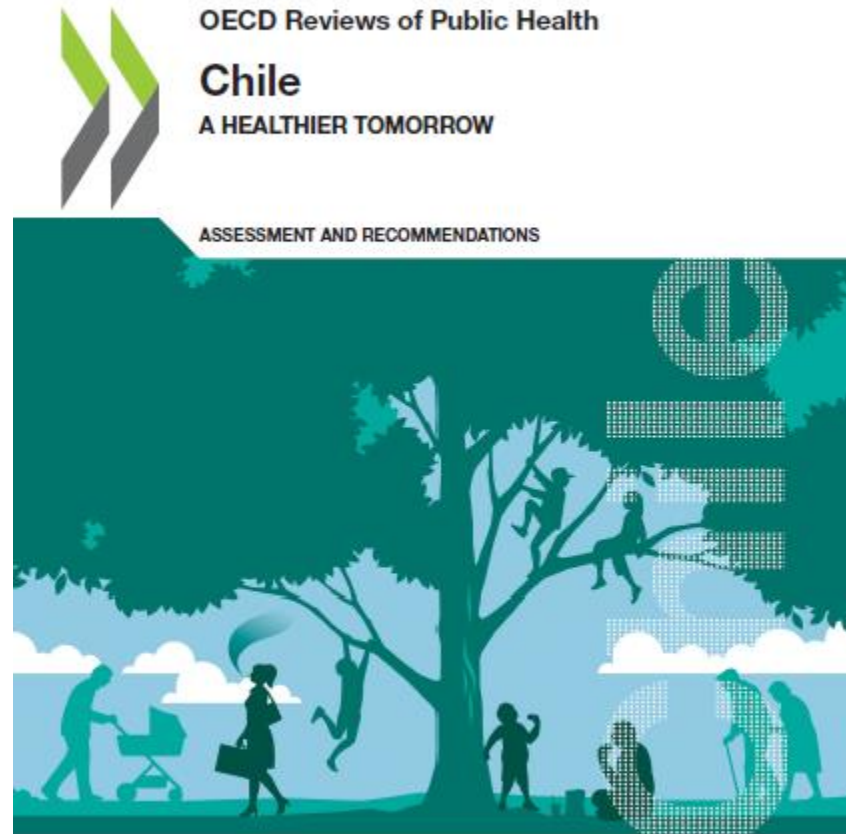
The inclusivity of precision medicine



The inclusivity of precision medicine



The inclusivity of precision medicine in Chile



What are our gaps for equitable access

Very few genetics services are covered by the public insurance system in Chile, limiting effective access

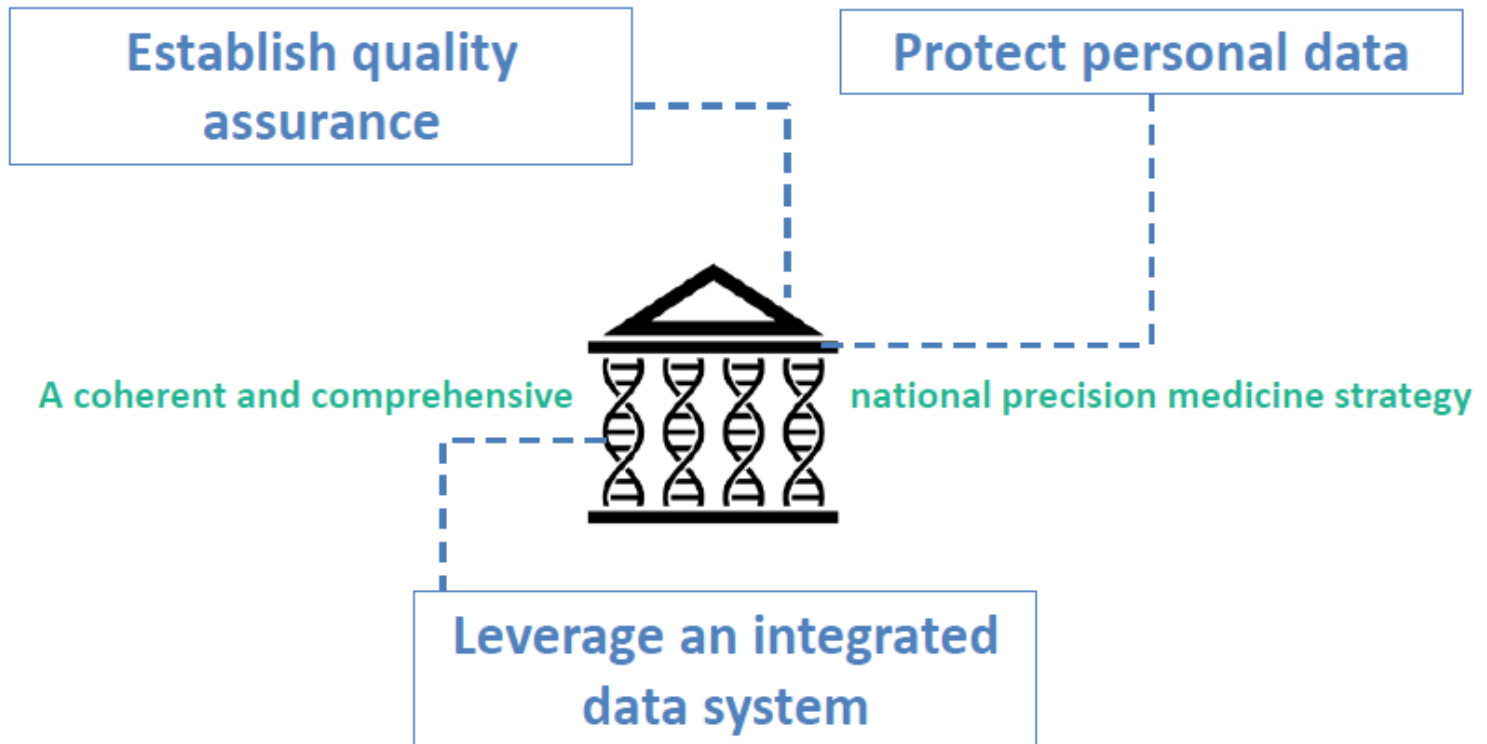
Combine deeper understanding of the population's genetic profile with "traditional" public health approaches

coherent and comprehensive national precision medicine strategy

A roadmap for equitable and sustainable access to national precision medicine



Next steps for genetic medicine in Chile



Conclusions

1. Genetic and epidemiological data of our population

2. Precision public health that covers all three sides of the triangle

3. Genetic literacy and health public policies

Thank you

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