

## Research themes and projects

THEME  
1



Healthy food and physical activity environments

### Active projects

HYPE: Evaluating the Implementation and Impact of the National Healthy Food and Drink Policy

Assessing the health and environmental benefits of sustainable New Zealand diets

ACTIVATION: Activating Change Through InterVentions for Active Travel In Our Neighbourhoods ★

Nutritional Determinants of Non-Communicable Diseases

THEME  
2



Culturally centred health interventions for Māori and Pacific peoples

### Active projects

Supporting the health system to improve health equity

Oire Tokoroa Family Diabetes Lifestyle Programme

Manawataki Fatu Fatu for equitable cardiovascular care ✚

Life-course impact of chronic health conditions: a family and whanau perspective ▲★

### Completed projects

He Pikinga Waiora: making health interventions work for Māori communities

Mana Tū: a whānau ora approach to long term conditions ◆

OL@-OR@: a Māori and Pasifika mHealth approach to supporting healthy lifestyles

WellConnectedNZ: improving individuals' health by strengthening community connectedness ◆

Pasifika Prediabetes Youth Empowerment Programme ◆

### Publications

Pathways between Research, Policy and Practice

Healthier Lives National Science Challenge: Policy Inventory

Research findings briefs | He Kupu mō ngā Kitenga Rangahau

### Events

Pathways Between Research, Policy and Practice webinar and online workshop, November 2021

THEME  
3



Precision medicine and personalised prevention

### Active projects

Integration of ctDNA into the New Zealand healthcare system

Using epigenetics as a precision medicine tool in equitable prediction of cardiovascular disease outcomes

### Completed projects

CtDNA for better cancer management

Equitable cardiovascular and diabetes risk prediction

Innovative management of diabetes with a comprehensive digital health programme (BetaMe) ◆

Food 4 Health – He Oranga Kai: preventing type 2 diabetes with probiotics and prebiotics ◆

**Note:** There are no completed projects in Theme 1 because this research started in mid-2019. Research in Themes 2 and 3 started in 2016.

### Internationally excellent research:

By CiteScore percentile, almost a third of Healthier Lives' academic publications are published in the top 5% journals and more than 60% are published in the top 25% journals. On a field-weighted basis, Healthier Lives' publications are cited 3.6 times more than average.

(Scopus, 4/08/22)

Research structure – June 2022

## Healthier Lives | He Oranga Hauora National Science Challenge

### Gazette objective

To reduce the burden of major New Zealand health problems

### Vision | Te Kitenga

**Our vision** is of Aotearoa New Zealand with equitable health outcomes and a substantially reduced burden of non-communicable diseases.

**Tō mātou kitenga** kia noho a Aotearoa New Zealand hei whenua he ōrite ngā putanga hua hauora mō te tangata, kia iti iho hoki ngā pūkauranga o ngā māuiui kāore e taea te tuku ki te tangata kē.

### Target diseases

Cancer | Cardiovascular disease | Diabetes | Obesity

### Cross-cutting principles

Equitable health outcomes | Treaty partnership and Vision Mātauranga | Co-design with next and end users

### Research partnerships

- ◆ Ministry of Health, Health Research Council of NZ (Long-Term Conditions Partnership)
- ✚ Heart Foundation NZ
- ▲ A Better Start National Science Challenge
- ★ Ageing Well National Science Challenge
- Ministry of Health
- PwC New Zealand, Diabetes NZ, Edgar Diabetes & Obesity Research, private philanthropists
- ESR (Institute of Environmental Science and Research)\*

\* The ESR-Healthier Lives partnership funded two emerging scientists to undertake research aligned to the Healthier Lives mission.

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🌐 healthierlives.co.nz

📧 @healthierNZ

☎ 03 470 9850

✉ healthier.lives@otago.ac.nz



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