Te Niwha

Research portfolio

Te Niwha

Strategic Projects

- Landscape Mapping
- Covid-19 Synthesis
- Lifting Immunisations
- People Leadership
- Rongoa Māori Bioactivity
- Likely Pandemic Agents and Scenarios
- Respiratory Infections in Pre-school Children
- Perception of ID risk and management among Pacific Youth
- Tāngata Whaikaha Māori COVID-19 Panel Survey Research
- RAPID RESEARCH:
  - AMR in the Pacific Region
  - Water Security Risks from Lifestock Burial

Commissioned Projects

- Hurts less, lasts longer: Applying Māori and Pacific patient-centered models to implement subcutaneous infusions of high dose penicillin to prevent RHD
- A national burden of disease analysis of water-borne disease in Aotearoa New Zealand from community drinking water infrastructure
- A randomised controlled trial of the immunogenicity and reactogenicity of subcutaneous (SC) vs intramuscular (IM) administration of COVID-19 vaccination in community pharmacies in Aotearoa New Zealand
- Improving models for pandemic preparedness and response: modelling differences in infectious disease dynamics and impact by ethnicity.
- Whanau Ora Surveillance Review
- Making use of wastewater from aircraft and individual buildings for better infectious disease epidemiology and response
- Understanding the surveillance barriers and the health burden of emerging disease threats for Aotearoa: Vibrio as a case study.
- Addressing gaps in the surveillance and response to influenza-like illness: A Community pharmacy-based feasibility study
- Genomics-informed detection, surveillance and capacity building to prepare Aotearoa for the existential threat of highly pathogenic avian influenza virus
- Infectious disease surveillance in Aotearoa
- Community-based surveillance of severe bacterial pathogens to guide prevention and control
- Improving the safety and effectiveness of leprosy treatment in Kiribati through enhanced surveillance of drug resistance and detection of factors predisposing to dapsone reactions
- Rapid point-of-use testing using CRISPR-Cas and related technologies
- Mahi Tahi: Decreasing transmission and improving diagnosis of Tuberculosis to reduce health inequities
- Development of non-invasive “liquid biopsy” methods for infectious disease using microbial cell-free DNA
- 1 application pending
- Promoting equitable access to effective treatment for Staphylococcus aureus bacteraemia in Aotearoa: probenecid-boosted oral antibiotic dosing in the SNAP study (PR-O-SNAP)
- Addressing inequity in antibiotic use: strengthening antimicrobial stewardship throughout Aotearoa to improve the health of New Zealanders.
- REMAP-CAP – identifying novel therapeutics for severe seasonal influenza while preparing for the next global influenza pandemic
- Broad-spectrum antiviral development of PI3K inhibitor compounds
- Te Ao Māori - Whiitiki Whakatika

Whanake - Seeding Grants

- Rangatahi Whakapapa Protection
- Mana-enhancing Research Strategy for Māori Living with HIV
- Surveillance & modelling for prevention & control of infectious diseases
- Pandemic preparedness and learning disability
- 1 application pending