PROVIZ

Developing AIbased software to identify prostate cancer in MR images NTNU

ProstOmics

'Tissue is the issue': a multiomics approach to improve prostate cancer diagnosis NTNU

NTNU

Listening to the patients

Listening to their gut to improve the lives of people with type I diabetes NTNU

ParkOme

A database to

understand

Parkinson's

disease

UiB

DrugLogics and PRESORT

Using computer modelling to find the best drug combination for each cancer patient NTNU

SiD

NTNU

An interdisciplinary data-driven approach to resolve sigmafactor-specific promoter dependency in bacteria

INBioPharm

Exploring new drugs to combat antibiotic resistance using microorganisms living in the Trondheim fjord SINTEF

FISHCOMM

Novel mechanisms for cell-to-cell communication in UiT

nanoRIP

Combining optical and mathematical systems to create a better nanoscope UiT

*NanoAl

Nanoscale artificial intelligence in microscopy and nanoscopy for life sciences (*NanoAI) UiT

AUROMEGA

Microbial production of omega-3 fatty acids - a model based approach NTNU

DIAP - Double Intraperitoneal Artificial Pancreas An easier life with diabetes

Lab-on-a-chip

Biophotonic sensor platform for diagnostics NTNU

PROMISE

Repurposing drugs for the treatment of Alzheimer's disease NTNU

Cell4Chem

Engineering microbial communities for the conversion of lignocellulose into medium-chain carboxylates NTNU

Res Publica

Responsibility, practice and the public good across Digital Life NTNU

SOLIS

Development of Real Volumetric Microscopy through Single Objective Light-Sheet **Imaging System** UiT

DigiBiotics

Digital discovery of antimicrobial molecules from marine Artic resources with reduced risk of triggering resistance UiT

AML PM

Acute Myeloid Leukaemia by Personalised Medicine - improved treatments of acute myeloid leukaemias by personalised medicine UiB

dCod 1.0

Decoding the systems toxicology of Atlantic cod UiB

Future antibiotics

To discover and optimize new antibiotics UiB

LiceVault

Implementing a model organism for studying vault function and application as smart adjuvant for fish vaccination. UiB

CCBIO

Centre for Cancer **Biomarkers** UiB

MEDIATE

Improved monitoring and treatment of neurometabolic disorders UiB

AHA!

Adaptive Heuristics and Architecture UiB

MedImML

Computational Medical Imaging and Machine Learning UiB

Marma-detox

Decoding marine mammal toxicology through in vitro and in silico approaches UiB

RESPOND3

Responsible early digital drug discovery – using machine learning to tackle a computational bottleneck in the drug discovery and development process UiB

Wastewater-AMR

Spread of Antimicrobial Resistance in Wastewater Treatment Plants UiS

RESCUER

RESistance Under Combinatorial Treatment in ER+ and ER- Breast Cancer UiO& OUS

EV-LiquidBiopsy

Categorising cancer through biomarkers in extracellular vesicles (EV) OUS

PINpOINT

BioZEment 2.0

Screening of cancer drug sensitivity data to predict cancer therapies. OUS

Systems analysis and fundamental

the production of bio-concrete for

control of bacterial processes in

construction purposes

CellFit

cancer

OUS

T-cells fit to fight

BigInsight

Big insight from big data UiO & OUS

T-cell immunotherapy manufacturing for cancer treatment

AIRDEM and AI-Mind

Assessment of individual risk of dementia in epilepsy: multimodal brain-based precision prognostics and AI for dementia prevention OUS

CellFit

FINALphagy

Final act of the autophagy symphony: Wholeorganism orchestration of autophagy termination UiO

SmartSoil

Better soil health with digital diagnostic tools UiO

DigiBrain

From genes to brain function in health and disease

PerCaThe

cancer

therapy

UiO

Personalised

UiO

Developing an environmentally friendly, low-cost method for making palladium (Pd) nanoparticles

Calinhib

Calcification inhibition development of pharmacological treatment of calcification of heart valves and blood vessels UiO

BEDPAN

UiO

A Norwegian Earth BioGenome Project: the initial launch phase (EBP-Nor)

Sequencing Life for the Future of Life UiO

OXYMOD

Optimized oxidative enzyme systems for efficient conversion of lignocellulose to valuable products **NMBU**

EcoGene

Biological, ecological and economic implications of gene editing in animal production NMBU

DigiSal

Digital Salmon – from a reactive to a pre-emptive research strategy in aquaculture NMBU