**Teitl y prosiect (Rowndiau 1-5)**

Gwerthuso ADC yn erbyn canser ofarïaidd

Ymchwiliadau treialu cyn-glinigol i gymhwysiad therapiwtig posibl gwrthficrobau newydd sy’n deillio o’r rwmen

Monitro glwcos yn barhaus ar gyfer diabetes gan ddefnyddio technoleg synhwyrydd micronodwydd

Datblygu strategaeth fasnachol gynaliadwy ar gyfer creu menter Gwyddorau Bywyd newydd proffidiol

Pontio’r bwlch puro ar gyfer gwrthfiotigau o facteria *Burkholderia*

Trosi therapi newydd wedi’i seilio ar RNAi ar gyfer tiwmorau solet yn barod i’w fasnacheiddio

Gwneud diagnosis o haint Clostridium difficile yn gyflym gan ddefnyddio synhwyro magneto-optegol

Therapi ffotodeinamig gwrthficrobaidd wedi’i wella gan bro-gyffur

Datblygu prawf cemoleuol i lywio haenu a rheoli clwyfau cronig

Llwyfan awtomataidd ar gyfer sgrinio cyfansawdd yn erbyn ystod o barasitiaid llyngyr

Therapi celloedd manwl gywir sydd mor anymwthiol â phosibl ar gyfer anhwylderau pigmentiad y croen

Pro-CAD – meddalwedd ddiagnostig ar gyfer canfod canser y brostad, ei ddosbarthu, ei oruchwylio’n weithredol a phennu ei gam mewn mpMRI

Celloedd cenhedlu geneuol i drin anaf arennol acíwt

Datblygu prawf gwenwyndra genetig mewnbwn uchel i ddarganfod a datblygu cyffuriau

Nanoronynnau sy’n treiddio i fwcws ar gyfer cyflwyno peptidau geneuol

Symleiddio’r broses o gasglu samplau wrin i ddadansoddi biofarcwyr neffropathi diabetig microRNA

Datblygu profion diagnostig in vitro cyflym i ganfod a nodweddu heintiau yn gynnar

Model organoid canser y brostad dynol newydd er mwyn darganfod cyffuriau

Rheoli a thargedu’r broses o gyflwyno microronynnau potasiwm permanagnad i glwyfau gan ddefnyddio technoleg Permipatch

Deniadau a dosbarthwyr newydd ar gyfer monitro a rheoli thrips

Nanofeintiolwr Optegol: Microsbectrosgopeg diffodd maes eang ar gyfer dadansoddi nanoronynnau

Profi Pecyn Ymatebwr Cyntaf y Groes Goch gan ddefnyddwyr gyda’r Posibilrwydd o Welliannau

Optimeiddio a phrofi gwenwyndra’r system cyflenwi cyffur liposomaidd ar gyfer sment asgwrn orthopedig

Datblygu brechlyn therapiwtig i drin clefyd sytomegalofeirws dynol a dileu celloedd heintiedig

Prognosteg seiliedig ar delomerau ar gyfer canser y fron

Tuag at Fasnacheiddio Patsys Mwcoadlynol Gweithred Ddeuol i Drin Clefydau Periodontol

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**Project Titles (Rounds 1-5)**

Evaluation of an ADC against ovarian cancer

Pre-clinical trial investigations into the potential therapeutic application of rumen-derived novel antimicrobials

Continuous glucose monitoring for diabetes using microneedle sensor technology

Development of a sustainable commercial strategy for the creation of a new, profitable, Life Sciences Enterprise

Bridging the purification gap for antibiotics from *Burkholderia* bacteria

Translating a new RNAi-based therapy for solid tumours in readiness for commercialisation

Rapid diagnosis of Clostridium difficile infection using magneto-optical sensing

Prodrug-enhanced antimicrobial photodynamic therapy

Development of a chemiluminescent test to inform the stratification and management of chronic wounds

An automated platform for compound screening against a range of helminth parasites

Minimally-invasive and precise cell therapy for skin pigmentation disorders

Pro-CAD - a software diagnostic tool for prostate cancer detection, classification, active surveillance and staging in mpMRI

Oral Progenitor cells to treat acute kidney injury

Developing high-throughput genetic toxicity assay for drug discovery and development

Mucus permeating nanoparticles for oral peptide delivery

Streamlining urinary sample collection for analysis of microRNA diabetic nephropathy biomarkers

Development of rapid in vitro diagnostic tests for early detection and characterisation of infection.

A novel human prostate cancer organoid model for drug discovery

The controlled and targeted delivery of potassium permanganate micro particles to wounds utilising the Permipatch technology

Novel lures and dispensers for thrips monitoring and control

Optical Nanosizer: Wide-field extinction micro-spectroscopy for nanoparticle analysis

User testing Red Cross First Responder Pack with the Possibility of Improvements

Optimisation and toxicity testing of the liposomal drug delivery system for orthopaedic bone cement

Development of therapeutic vaccine for treatment of human cytomegalovirus disease and for elimination of infected cells

Telomere based prognostics for breast cancer

Towards the Commercialisation of Dual Action Mucoadhesive Patches to Treat Periodontal Diseases