



## Office of Health and Medical Research

### Medical Devices Financial Incentive Program

#### 2009 – Successful Applicant

#### Product

**Name:** Cerebral Palsy League of Queensland (ETS Mobility)

**Device Name:** Pro-Fit

**Funded Amount:** \$46,972

**Device:** The Pro-Fit body profiling system uses digital photography to render a 3-D image of a person's back and lower body in the seated position. This innovative measuring system is designed to reduce manufacturing time and travel required for people requiring custom made seating for positioning and pressure management. People with impaired mobility or sensation, who spend many hours in a wheelchair, are susceptible to pressure sores. Once a pressure sore has developed, they are extremely painful and debilitating, and can be very difficult and expensive to treat.



**Benefit:** The MDFIP funding will allow clinical trials to completely evaluate the benefits of the PRO-Fit profiling system. It also enables the purchase of extra manipulation software and hardware so the system can be implemented for use in Queensland within months rather than years.

#### Company

**Established:** 1948

**Key Employee:** Chief Executive Officer, Angela Tillmanns

**Focus:** The Cerebral Palsy League provides quality services and support enabling and empowering people with cerebral palsy and other disabilities to create and access opportunities, to lead valued lives as respected and equal members of society within their family and community.

**Contact:** Garrie Wolstenholme, phone (07) 3637 6360.

Website: <http://www.cplqld.org.au/business/ets/>

#### Queensland Medical Devices Financial Incentive Program

The program provides support to the Queensland medical devices industry by allocating up to \$50,000 to assist with clinical assessments and trials of innovative locally designed and/or manufactured medical devices, and to assist with a greater use of these products by the health system. The program is a joint initiative between Queensland Health and the Department of Employment, Economic Development and Innovation.

#### Further Information

Phone (07) 3405 6121, e-mail [ohmr@health.qld.gov.au](mailto:ohmr@health.qld.gov.au) or online [www.health.qld.gov.au/ohmr](http://www.health.qld.gov.au/ohmr)

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### Medical Devices Financial Incentive Program

#### 2009 – Successful Applicant

#### Product

**Name:** Diversionary Therapy Technologies Pty. Ltd.

**Device Name:** Ditto

**Funded Amount:** \$50,000

**Device:** DITTO is a class 1 medical device that reduces anxiety related pain and improves clinical productivity, specifically for children during traumatic and painful medical procedures.



**Benefit:** The MDFIP funding will aid manufacturing costs for devices to be used in the planned clinical trials and a Clinical Trial Coordinator to conduct the trial who will complete the product assessment.

#### Company

**Established:** 2006

**Key Employee:** Managing Director, Rob Sale

**Focus:** Diversionary Therapies Technologies is a world leading provider of clinically trialled medical Diversionary Therapy Devices and Solutions and specialises in the research and development of innovative media-based diversionary therapy products. Their solutions are the direct result of clinical trials plus continuous involvement and feedback from their clinical partners, physicians, nurses and therapists. Medical grade interactive products are able to immerse a patient during a medical procedure without the need for training or direction. The current focus is to manufacture the device in volume and establish a worldwide distribution network.

**Contact:** Rob Sale, phone (07) 3870 3820.

Website: <http://www.dtt.net.au/>

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## Office of Health and Medical Research

### 2009 Medical Devices Financial Incentive Program

#### Round 1 – Successful Applicant

#### Product

- Name:** Inverness Medical Innovations Australia  inverness medical
- Device Name:** Panbio Dengue Early ELISA (Generation 2)
- Funded Amount:** \$46,000
- Device:** The Panbio® Dengue Early ELISA (generation 2) is a laboratory based diagnostic tool designed to detect a dengue infection from the very first day that symptoms appear. This offers a great advantage over traditional diagnostic tools, expanding the infection detection period by at least 5 days.
- Benefit:** The MDFIP funding will allow Inverness Medical Innovations Australia to generate clinical performance data that will aid in accelerating the uptake of this product in both the local and international diagnostics market.

#### Company

- Established:** 2008 (following the acquisition of Panbio Ltd. Panbio was a Brisbane based diagnostics company, established in 1998).
- Employees:** Chief Executive Officer, Mark Volling
- Focus:** Inverness Medical is focused on the development, manufacture and marketing of advanced consumer and professional medical diagnostic products. Through strategic acquisitions and the effective use of a vast intellectual property portfolio, the company operates on a global scale providing locally relevant, world-class diagnostic tests and services to customers in the private, public and non-government organisational (NGO) sectors.
- Inverness Medical concentrates its efforts in five key areas: infectious diseases, cardiology, women’s health, drugs of abuse and oncology. The organisation owns numerous patented technologies for both consumer and professional diagnostics. We enable and empower patients and their families to take charge of their own health.
- Contact:** Amy Yorston, Senior Project Manager – Vector Borne Diseases, e-mail: amy.yorston@invmed.com or phone: 0447 220 774.  
Website: <http://www.invernessmedicalpd.com.au/>

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#### 2009 – Successful Applicant

#### Product

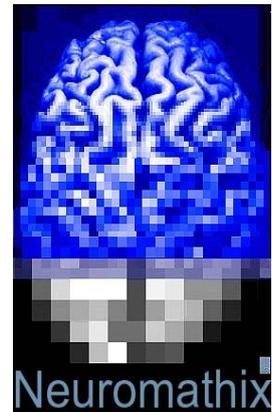
**Name:** NeuroTech Research Pty. Ltd.

**Device Name:** Neuromathix Diabetes Identifier/Controller

**Funded Amount:** \$50,000

**Device:** The company has developed mathematical algorithms whereby, given suitable fragments of time-series data from a patient, complex models of drug-disease interactions can be reconstructed using high-performance computing, beyond what is currently possible using the best conventional techniques. This represents an important tool in improving personalised medication.

**Benefit:** The MDFIP funding will greatly assist the company in converting these algorithms into software, the Neuromathix Identifier/Controller by using a supercomputer, and calibrating the software for type-1 diabetes using de-identified patient data and multiple disease models, in preparation for pilot clinical trials to reduce the frequency and severity of bad diabetic episodes.



#### Company

**Established:** 2001

**Key Employee:** Managing Director, Dr Nigel Greenwood

**Focus:** NeuroTech Research is engaged in translating mathematical modelling of drug/disease interactions into enhanced clinical outcomes. Using a cloud-computing model, the company aims to provide web-based technologies to improve insulin-based medication of type-1 diabetes. The Neuromathix software will improve diabetics' quality of health and well-being, as well as reducing the associated medical cost burden to individuals and hospitals. A broader web-based PK research platform is also in development.

**Contact:** Dr Nigel Greenwood, phone 0410 477 049  
Website: <http://www.neuromathix.com/>

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