

Grant for Research and Development

2006/07 Award Winners:

3T Technologies, Cambridgeshire

Research Grant - A laser patterned masking process.

42 Technology Ltd, Cambridgeshire

Research Grant – A prototype of a counter for pressurised metered dose inhalers, designed with few components and manufactured using plastic injection moulding.

Abbi Laboratories, Essex

Research Grant – Feasibility of a low cost, low power lightweight ambulatory infusion system.

Algentech, Norfolk

Development Grant – Development of molecular biology kits for transformation of organelles.

Applied Medical Technology, Cambridgeshire

Research Grant – A unique system for the safe administration of subcutaneous drugs.

Aroma Cair, Bedfordshire

Development Grant – Development of the Therapyx SMART project.

Bioinnovel Ltd, Cambridgeshire

Research Grant – BioInnovel Rheology sensors.

Bionica, Norfolk

Micro Grant – The T-Bugg Bionica.

Biox Systems Ltd, Cambridgeshire

Research Grant – Sensor head and measuring instrument for recording Stratum Corneum hydration.

Bluedelta Design Ltd – Hertfordshire

Research Grant – Systems for the distribution of high quality video and stereo audio over low cost CAT5 cables.

Blue Gnome Ltd, Cambridgeshire

Research Grant – New diagnostic test for genetic disorders.

Calex Electronics Ltd, Bedfordshire
Micro Grant – Develop a non-contact infrared temperature sensor.

Cambridge Biostability, Cambridgeshire
Research Grant – Re-hydration injection system.

Cambridge Magnetic Refrigeration Ltd, Cambridgeshire
Development Grant – The first application of the Piezo-electric rotator technology in the integrated cryogen-free, ultra low temperature measurement system.

Cambridge Quality Technology, Cambridgeshire
Micro Grant – Flow control system.

Cambridge Research Technologies, Cambridgeshire
Research Grant – Open shelf CRT.

Cambridge Resonant Technologies Ltd, Cambridgeshire
Micro Grant – To develop an improved RFID reader with increased read range and efficiency.

Camcon Technology Ltd, Cambridgeshire
Development Grant – Intelligent valve actuation to reduce fuel consumption.

CGPG, Suffolk
Research Grant – Genome partitioning and 454 system.

Chalmor Limited, Bedfordshire
Development Grant – Electronic thermostatic radiator valve.

Copytrax Technologies Ltd, Cambridgeshire
Development Grant – To develop a pre-coating (in white or clear) process for optical discs.

Cronto, Cambridgeshire
Research Grant – Fighting fraud with secure authentication for online transactions.

ECOspray Ltd, Norfolk
Development Grant – Development of a commercially viable format of natural extract of garlic to reduce crop damage from Nematode worms.

Enval Limited, Cambridgeshire
Research Grant – Recycling treatments.

European EMC Products Ltd, Cambridgeshire
Research Grant – The use of high permeability steels in the field of magnetic shielding of MRI scanner rooms.

Ex-Beams Ltd, Essex
Research Grant – An innovative geometry IMS system to increase the system sensitivity.

GenDrive Ltd, Cambridgeshire

Research Grant – Advanced grid-tied inverter to simplify the design and installation of renewable energy sources.

Green Energy Options Ltd, Cambridgeshire

Development Grant – Monitoring and analysing energy consumption in both domestic and small commercial buildings.

Inotec AMD Limited, Cambridgeshire

Development Grant – Improved treatment of wounds with topical hyperbaric oxygen.

Joe Blakeley Electrical, Cambridgeshire

Micro Grant – To produce a tool to insert and remove threaded studding.

Julian Tapp, Essex

Development Grant – Online quality determination of resistance welds in volume manufacturing.

K E Development, Cambridgeshire

Development Grant – A hybrid detector that can be fitted to a new microscope during manufacture or can be supplied to be retrofitted to an existing microscope.

Kbiosystems Ltd, Essex

Development Grant – Mixing organic and inorganic samples contained in test tubes and micro tire plates in a single operation.

Lilco Ltd, Bedfordshire

Research Grant – A broadband voltage transformer for use in power electronic research, development and monitoring applications.

MacGregor Welding Systems, Suffolk

Research Grant – Magnetically impelled metal droplet deposition technology which promises to offer solutions in the electronics and lighting industries.

Margo Technologies Limited, Cambridgeshire

Research Grant – To improve the sound quality and receiver sensitivity of mobile and WIFI phones where signal is poor.

Mecon Limited, Cambridgeshire

Research Grant – Pinpoint location of leaks in water mains.

Medisafe UK Ltd, Hertfordshire

Development Grant – CPX.

Michell Instruments Ltd, Cambridgeshire

Development Grant – To develop an advanced trace moisture analyser (ATMA) founded on cooled mirror technology.

Novacta Biosystems Ltd, Hertfordshire

Development Grant – To develop antibacterial agents based on Lantibiotic Actagardine.

Novexin Ltd, Cambridgeshire

Development Grant – Protein-drug manufacturing/bio-processing aid.

Padco Engineering Ltd, Essex

Research Grant – Self-propelled potato harvester.

Phonetic Arts Ltd, Cambridgeshire

Research Grant – Dynamic speech generation system which can speak in multiple, natural and expressive voices for use in computer games.

Photocentric Ltd, Cambridgeshire

Research Grant – A photopolymer printing plate and exposure unit that eliminates the need for a photographic masking element.

Probe Scientific Ltd, Bedfordshire

Development Grant – To develop a continuous blood sampling and analysis machine.

Propogation Technology, Cambridgeshire

Micro Grant – To develop practical techniques for utilising micro-propogation on hellebores.

RBR Associates Ltd, Suffolk

Development Grant – Using exhaust gas to drive an absorption refrigeration system in vehicle air conditioning.

Ronford Baker Engineering Company Ltd, Hertfordshire

Development Grant – To develop a lightweight fully adjustable camera mounting system for film and TV.

Sentinel Oncology Ltd, Cambridgeshire

Development Grant – Progression of pre-clinical molecules towards a clinical candidate for the treatment of cancer in humans.

SimuGen Limited, Cambridgeshire

Development Grant – To design and develop a prototype biological test protocol for the determination of 10 sub-types of liver toxicity.

SMS Technologies Ltd, Essex

Research Grant – SMS innovative patient handlers.

Special Agent Associates Ltd, Cambridgeshire

Research Grant – Thermo-chromic read/write tagging technology.

STC Optronics, Essex

Research Grant – Low-cost methods of making small precision glass performs.

Thermofluidics Ltd, Cambridgeshire

Research Grant – Developing thermally powered pumps without moving parts.

Trident Energy Ltd, Essex

Development Grant – Sea test of WaveFarm technology.

Water Innovate, Bedfordshire

Research Grant – Ammonia testing kit.

XenData Ltd, Cambridgeshire

Micro Grant – Integrated parallel processing using multiple servers for the next generation of large digital video archives.