



i2LResearch

EXPRESS

i2LResearch Ltd's Newsletter, Summer 2007

Message from the MD

Dear Sponsors,

i2LResearch has had another successful financial year and, with a good pipeline of new work coming through, confidently expects continued success in the future. As always, I recognise the importance of providing good service to you, and thank you all for your continued custom. You will have noticed a number of changes to the Company in the last year, the most obvious of which was our change of name to **i2LResearch Ltd** early in 2007. However, I hope that you will not have experienced any change to our high level of service – we remain committed to being **'Rapid, Responsive, and Reliable'**! As reported in this newsletter, **i2LResearch** is currently upgrading its facility, to include, for example, Peet-Grady flying insect test chambers. Financial support from the Welsh Assembly Government is gratefully acknowledged. The facility improvements will allow us to handle increased volumes of testing work in the future, and have been made in response to your requests. In 2007 we have been joined by several new staff. Dr Amber Vater, Ms Lucy Morapedi, and Mr Pavel Foltan, have all started work recently as Trials Officers. Pavel has close links to the University of



South Bohemia in the Czech Republic, and will facilitate our growing links with that establishment. I am also pleased to announce the recent promotion of Sarah Counter to the position of Study Director. Sarah is profiled in this newsletter. The other development in 2006/07 has been the rapid maturation of the Newcastle Branch Office, **i2LNorthEast**. The Branch Office has quickly become profitable and has been handling an increasing number of glasshouse and field trials, including a growing number of herbicide trials. The Newcastle office has recently established a Mollusc Centre of Expertise with Dr Gordon Port at Newcastle University - the Centre is profiled below. I wish you all success for the rest of the year and hope you all have a great summer!

Mollusc Centre of Expertise

i2LResearch is pleased to announce the formation of a Mollusc Centre of Expertise, based at its Newcastle Branch Office, **i2LNorthEast**. **i2LResearch Ltd's** Dr Catherine Whaley, is an acknowledged leader in the area of mollusc efficacy studies, and the Centre combines our experience with that of Dr Gordon Port of Newcastle University, formalising a long-standing collaboration. Both Dr Whaley and Dr Port are internationally recognised mollusc experts. The Centre will allow combined applications for research funding, and reinforce our market presence. Please be assured that no confidential information will be exchanged between the University and the Company, unless as part of an agreed process for joint projects, and then only under a non-disclosure agreement. For further information on this new exciting initiative, please email Catherine Whaley, catherine@i2lresearch.com.

Welsh Assembly Government Funding Secured

i2LResearch Ltd has secured Welsh Assembly Government (WAG) support for an upgrade of its facility. The 50% funding grant will be used to install Peet-Grady flying insect chambers, micro-applicators, and to secure specialist glassware for a variety of laboratory efficacy studies. The changes will improve our efficiency, allowing increased throughput of projects. The Company gratefully acknowledges WAG support for this important step up in our capability.

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PESTEX 2007

THE INNOVATIVE VECTOR CONTROL CONSORTIUM

INTRODUCING SARAH-LOUISE COUNTER

NEW HEAD OF LABORATORY STUDIES



..Rapid Responsive Reliable

*i2LResearch Ltd,
Capital Business Park, Wentloog,
Cardiff CF3 2PX
Tel: 0044 (0)29 20776220*

www.i2lresearch.com

PestEx 2007

During the excellent PestEx exhibition, which took place from 18th -19th April at London Excel, **i2LResearch's** Technical Director, Graham Small, was an invited speaker at the very popular 'Bed Bugs Bite Back' seminar. Talking about what is currently known about the susceptibility status of bed bugs to insecticides, Graham presented recent scientific reports coming out of the UK and the USA showing that some bed bug populations in both countries have evolved resistance to pyrethroid insecticides. The UK study, undertaken by Graham in collaboration with Richard Naylor at the University of Sheffield and Clive Boase of the Pest Management Consultancy, has shown that samples of several bed bug populations taken from the UK were at least 100-fold resistant to a pyrethroid compared with insecticide susceptible strains of this insect.

The good news coming out of Graham's talk was that not all populations will be resistant to pyrethroid insecticides and that formulations using pyrethroids will remain a valuable tool in bed bug control. However, the detection of high levels of resistance in several UK and USA bed bug populations suggests that some bed bugs will survive treatment with these insecticides leading to reinfestation and subsequent spread. Therefore, use of non-chemical methods of control and new insecticidal measures should be integrated into the management of bed bug infestations so that we can halt the presently alarming worldwide resurgence of the common bed bug. If you have an interest in insecticide resistance in bed bugs, or in resistance in general, please email Graham, graham@i2lresearch.com, or call him on 0044 (0)29 20776226.

The Innovative Vector Control Consortium

Few new insecticides have been produced for the control of insect vectors of disease in developing countries over the past three decades, owing to market constraints, and the available insecticides are often poorly deployed. To address these market failures the Innovative Vector Control Consortium (IVCC) has been formed. Supported by the Bill and Melinda Gates Foundation, the IVCC will develop a portfolio of chemical and technological tools that will be directly and immediately accessible to populations in the developing world. This will enable industry and academia to change the vector control paradigm for malaria and dengue and to ensure

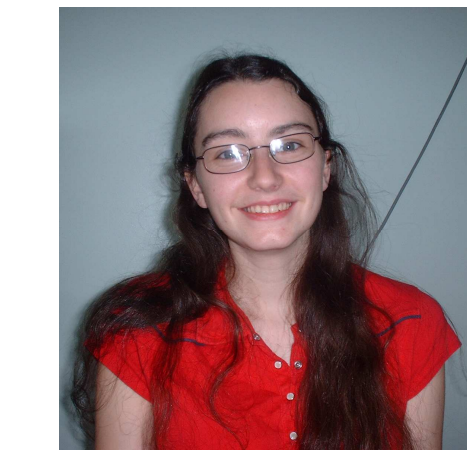
that vector control, alongside drugs, case management and vaccines, can be better used to reduce these two diseases.

Graham Small, a recognised expert on insecticide resistance in insect vectors of disease, was recently invited to become a full member of the IVCC's external scientific advisory committee (ESAC). ESAC is a very important committee for the IVCC, providing it with expert technical recommendations on which projects to adopt into its portfolio and on the key issues the projects should address. It also monitors the results generated through work on each project and progress made against key project milestones.

Introducing Sarah-Louise Counter

Sarah-Louise Counter started work for **i2LResearch** as a Trials Officer in July 2006, having graduated from Cardiff University with a BSc Honours degree in Biology during that summer. She has recently been promoted to the position of Study Director. Since joining **i2LResearch**, Sarah-Louise has been involved in a wide range of field and laboratory efficacy studies including control of Indian meal moth in flour mills and chicken mites in poultry housing. However, the majority of her work has been laboratory-based, with a diverse range of products and insect species, from stored product pests to biting insects. Sarah-Louise works under the supervision of Helena Dawe, our Head of Laboratory Studies, as part of the Cardiff-based team.

In her spare time Sarah-Louise enjoys



playing music and visiting nature reserves. She is a member of several wildlife conservation organisations and is also an active Marine Mammal Medic, on call to help seals and cetaceans in distress around the shores of the UK!

New Head of Laboratory Studies

Helena Dawe has been promoted to Head of Laboratory Studies. Helena has worked at **i2LResearch** for over 5 years. She has a wealth of experience in a wide range of study types, including GEP efficacy laboratory, glasshouse and field trials and GLP procedures, and will already be well known to many of you. In her new role, Helena is responsible for project management, client liaison, and business development. Helena said 'I am delighted with my promotion, which allows me to oversee and contribute to the ongoing improvement to the **i2LResearch** facility, move the Company in new and interesting directions, and continuing our delivery of an excellent service to all of our sponsors'. Helena, who is a graduate of Cardiff University, is also responsible for systems management, standard operating procedures and health and safety. For further information on our laboratory efficacy testing, please email Helena, helena@i2lresearch.com, or call her on 0044 (0)29 20776225.

i2LResearch Express Editor & Designer: Graham Small

Further information on the services mentioned in this newsletter, and on all our other services, can be obtained from our website: www.i2lresearch.com

**You can contact us at:
i2LResearch Ltd, Capital Business Park, Wentloog, Cardiff CF3 2PX
Tel: 0044 (0)29 20776220
Fax: 0044 (0)29 20776221
Email: peter@i2lresearch.com**