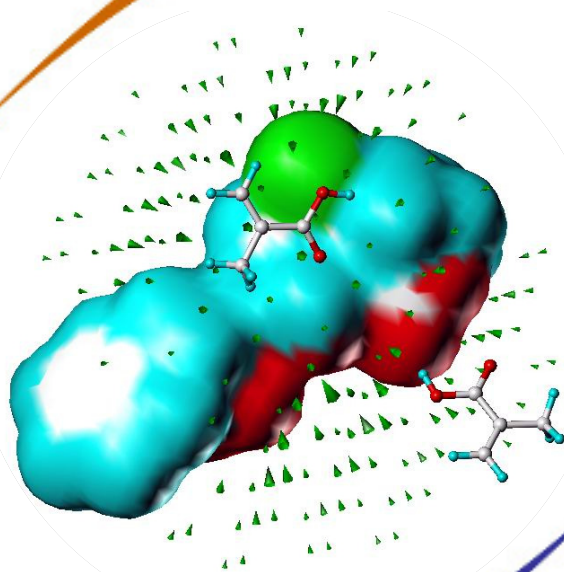




Accessing expertise to develop new products

Computational Chemistry



Cranfield[™]
UNIVERSITY

Computational Chemistry

Thanks to an East of England Development Agency (EEDA) funded business support programme, pharmaceutical and healthcare company GlaxoSmithKline found the right expertise at Cranfield University.

LTN is a leading technology transfer organisation, funded by EEDA to help local companies make contact with the best researchers across the region.

Global pharmaceutical and healthcare company GlaxoSmithKline contacted LTN seeking technologies in the development of new products. They soon found expertise through one of LTN's Business Fellows: a research group from Cranfield University with multiple synergistic capabilities.

As part of the open innovation team at GSK Consumer Healthcare, Peter Frost a member of LTN's Emerging Medical Technologies Group, has made contact with researchers from among LTN's network of 7,000 academics and companies through the Enterprise Europe Network.

When he sought specific expertise relating to the development of oral care products, he turned to LTN's Life Science Business Development Manager, Maki Aoyama.

Maki said. "This project was circulated to LTN's academic network, and a response came from Dr Kal Karim from Cranfield Health with a view to applying material sciences to GSK's quest for improved oral care products."

A meeting was arranged with Dr. Kal Karim, Lecturer in Organic and Computational Chemistry at Cranfield University. Kal's research focuses on tailoring polymer products for a wide range of applications, and trained as a Business Fellow in 2007. Business Fellows are scientists, hand-picked by LTN and trained to become more 'business-facing'. The aim is create a more effective link between academia and industry.

GSK was introduced to the facility's range of capabilities. Frost identified research in anti-microbial polymers, which is now being developed by a PhD student, with a view to possible future collaboration. The facility tour revealed the organisation's computational testing facilities developed by Dr Lee Larcombe – resulting in a follow-up meeting with GSK's Gary Burnett and the initiation of a pilot project.

For more information on LTN and how we can help your organisation, contact:

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