



London Technology Network
Ideas into Action

Accessing unique expertise via LTN Technology Matching

Life Science



 GAMBRO.

 UCL

CASE STUDY 18

Life Science

Leading kidney treatment company Gambro sought expertise in liver disease and found it in a world expert from University College London, thanks to London Technology Network (LTN).

When leading kidney treatment company Gambro acquired the liver support company Teraklin, they needed to access new expertise fast. The purchase of Teraklin included technology in urgent need of development, testing and clinical trials: a breakthrough device in liver failure treatment called the Molecular Adsorbent Recirculating System (MARS). They approached LTN for help, who put forward Gambro's technology request to their network of academics across the Greater South-East. Gambro were then presented with proposals from leading academics and chose Dr Rajiv Jalan of University College London, a world expert on liver failure. Now Dr Jalan is embarking on a potentially exciting relationship which is likely to lead to new discoveries, and Gambro have expanded by creating their own liver treatment division. "I've had a long-term interest in liver failure and we did some of the early studies trying to understand what MARS is able to do, so you obviously learn a lot more about the disease, but also how you might improve the device," Dr Jalan said. Gambro saw the potential, and so Jalan provided not just device analysis but clinical trials. Jalan now estimates the device is worth millions of pounds a year. "We're one of two groups in the world who can provide the assistance Gambro want," Jalan said. "These are the perfect conditions for collaboration." Since this initial collaboration, Dr Jalan has embarked on a further research venture with the company, promising greater advances in liver failure treatment. The project, joint-funded by the UK Department of Health and Gambro, is aimed at developing an additional, novel device – an ongoing journey of innovation which began with LTN.

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

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