



Media Announcement

Max Planck Institute adopts Gelcompany's HPE System

21 April 2010 – Sydney, Australia: Gelcompany is pleased to announce that Dr. Friedrich Lottspeich, the head of the Protein Analysis Group within the world renowned Max Planck-Institute of Biochemistry has adopted our new HPE FlatTop Tower System for his protein analysis work.

The primary focus of the Protein Analysis Group is in the development of protein analytics and proteomics methods. Dr Lottspeich is one of the world's leading proteomics researchers, was the foundation president of the German Society for Proteome Research, the first president of the European Proteome Association and is a member of the HUPO executive council. He also sits on the life science consultant panel for the German government and is an author of the book "Bioanalytik".

"There is no doubt that Gelcompany's HPE system produces the best 2D gel results I have ever seen," Dr Lottspeich stated, "The HPE system produces very tight, well resolved and highly concentrated spots as well as excellent reproducibility. We will run all our 1D SDS and 2D separations using the HPE technology."

Gelcompany CEO James Walker believes Dr Lottspeich's decision to convert to the HPE system is another confirmation that we have developed the best electrophoresis system available today.

"We are proud to be working with Dr Lottspeich and his respected team at the Max Planck Institute for Biochemistry, one of the world's leading research institutions. This endorsement is a great validation of our approach to improving proteomics research."

For Gelcompany CMO Guenter Thesseling the placing of our new HPE system with Dr Lottspeich and his team will open the doors to many other proteomics labs world-wide. "We are pleased to be working with Dr Lottspeich and knowing that our technology will play a key role in his research is very satisfying."

The HPE system was launched late last year and its ground-breaking technology enables higher resolution, reproducibility and ease-of-use in 1D and 2D gel electrophoresis separations.

In 2D electrophoresis the breakthrough HPE technology can detect up to 15 per cent more proteins spots because it uses thinner pre-cast gels and a more efficient cooling system with higher electric field strength. This results in running times of around four hours and produces greater resolution and sharper bands or spots.

The new HPE system uses 1D and 2D pre-cast gels in an easy-to-use FlatTop Tower with four horizontal electrophoresis platforms in one system.

The quality-controlled, pre-casted HPE gels on plastic backing are laid onto the cooling plates – doing away with the time-consuming vertical electrophoresis preparation of glass gel cassettes.

There is no need for technicians to handle tanks containing up to 25 litres of buffer fluid, or for time-consuming cleaning for re-use. And of course there is no need to handle toxic monomer acrylamide for gel casting any more.

The HPE gels have a one year shelf-life and remain stable during storage. The equilibration buffer is also provided – meaning fewer variables than conventional electrophoresis.

Enquiries:

James Walker, CEO
Gelcompany
Email: james.walker@gelcompany.com
+61 2 9817 7400

Rudi Michelson
Monsoon Communications
+61 3 9620 3333

About Fluorotechnics and gelcompany: Fluorotechnics, under the trade brand of Gelcompany is a global company that develops, manufactures and supplies products that enable Life Scientists to better measure biological processes. Our products have applications in proteomics, genomics and cell biology and are routinely used in research, development, quality control and diagnostics.

We are focused on the development of innovative products, integrated into novel solutions that provide enhanced performance. Our core skills and technology advantage are in electrophoresis, where we have championed the introduction of High Performance Electrophoresis (HPE), a novel electrophoresis workflow solution.

We are dedicated to providing quality products, support and service and to improve scientific methodologies through the development of technically superior products that are also environmentally friendly, safe and easy to use.

For more information about our business and products visit our website, www.gelcompany.com.