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PRESS RELEASE

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Proteome Systems and SGE collaborate on new kits for LC/MS in proteomics

SYDNEY, Australia, and MELBOURNE, Australia, 21 April 2004

Proteome Systems and SGE International have entered into a collaboration to deliver new liquid chromatography mass spectrometry (**LC/MS**) solutions to proteomics researchers. The companies plan to jointly develop a range of liquid chromatographic kits specifically designed for proteomics applications and configured to interface easily with the electrospray source of mass spectrometers. These kits will enable researchers to gain new insights into the role of proteins in disease and to speed the discovery of new diagnostic and drug targets.

Under the collaboration, Proteome Systems will configure and optimise SGE's high quality capillary and nanoflow liquid chromatographic columns and precision tubing to interface with the electrospray mass spectrometer to validate the system's performance and to improve the identification and characterisation of proteins and their modified forms.

"Until now, there has been limited technology available that successfully delivers the protein sample to the electrospray mass spectrometer at the resolution and sensitivity necessary for proteomic research. Our experience with high quality sample preparation and separation before mass spectrometric analysis together with SGE's proven products makes us confident that the new kits will provide robust and reproducible modular solutions for the detailed characterisation of proteins by electrospray LC/MS" said Dr. Nicolle Packer, Head of Protein Modifications at Proteome Systems.

"SGE has been at the forefront of developing technology to enable sample separations and deskill the coupling of capillary LC to mass spectroscopy. We see the collaboration with Proteome Systems as the next step in that process" said Peter Dawes, Managing Director of SGE International.



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About SGE

SGE is an ISO accredited leading manufacturer and worldwide distributor of chromatography and mass spectrometry solutions for the analytical sciences industry. Product offerings include GC-MS columns, precision syringes and capillary tubing, and components incorporated into most mass spectrometers on the market.

About Proteome Systems

Proteome Systems develops and commercialises innovative technology solutions for proteomics based research. These solutions include integrated instrument-based systems, consumables and bioinformatic software. The Company applies its technology platforms and expertise to discover and validate diagnostic and drug targets and commercialise novel diagnostic products. Proteome Systems and SGE International

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