

New training centre for proteomics and mass spectrometry to be opened across Asia Pacific

November 28, 2017 | News

The centers are aimed at training the next generation of scientists to advance biomedical research and proteomics studies across Asia Pacific.



Singapore – SCIEX, a global leader in life science analytical technologies, and the Protein and Proteomics Centre (PPC) under the Department of Biological Sciences at the National University of Singapore's (NUS) Faculty of Science, announced plans to launch the first of its kind proteomics and mass spectrometry training centre in Southeast Asia in 2018, aimed at training the next generation of scientists to advance biomedical research and proteomics studies across Asia Pacific.

PPC and SCIEX have established a strong partnership since the inauguration of PPC at NUS Faculty of Science in 2000. More recently in 2015, SCIEX launched its first regional Centre of Distinction with PPC. As part of the partnership, PPC and SCIEX have also been co-organising workshops on iTRAQ quantitative proteomics, proteomics database search and bioinformatics data analysis for the past five years and have seen a growing need for such training to be provided regularly. This new collaboration addresses this industry gap by offering curricula designed to impart in-depth knowledge of proteomics and mass spectrometry to the next generation of scientists.

"SCIEX and PPC at NUS Faculty of Science has built a strong relationship over the years, and has received great response from the scientific community in the field of protein and proteomics. With strong support from SCIEX, PPC has been successful in providing core-facility support and services to the scientific research community and established a good reputation among scientists across the region. One of PPC's key expertise is in advanced research on proteins that could be used as disease biomarkers. Our work lay the foundation to spark future innovations in the biomedical sciences. We are confident that our collaboration with SCIEX will help to nurture future scientists who will bring about greater advancements in biomedical research," said Professor Yu Hao, Head of the NUS Department of Biological Sciences.

The training centre is also aligned with the local government's SkillsFuture initiative, which encourages lifelong learning. It will provide fit-for-purpose courses aimed to develop and enhance skillsets of local scientists and working professionals who wish to improve their competencies in the field of proteomics and mass spectrometry. Mass spectrometry and proteomics technologies are widely applied to the biomedical and environmental research fields, and are making a great impact in the

industry. There is also an increasing demand for scientists and professionals with such expertise.