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Nanyang Technical University acquires Insplorion Acoulyte

Insplorion today sold the second Insplorion Acoulyte module to Professor Nam-Joon Cho at School of Materials Science and Engineering, Nanyang Technological University, Singapore

Professor Nam-Joon Cho has been an Insplorion user since 2013 with an Insplorion XNano system. He has in his research used both the optically based Insplorion NPS technology as well as the acoustic QCM-D technology extensively. The Insplorion Acoulyte module with its QCM-D/NPS sensors enables combined simultaneous measurement of the two technologies under identical experimental conditions.

“It was very natural for us at Insplorion to have Prof. Nam-Joon Cho as one of the early test customers when our Acoulyte instrument was developed. His feedback was very helpful in the development process and we are now very glad that he purchases the Acoulyte module and continues to explore the strength of the combined optical and acoustic measurements”, says Patrik Dahlqvist, CEO at Insplorion.

Professor Cho and his group has already from the testing period with the early Acoulyte prototype been productive with two scientific articles published so far. In his research is it especially when studying biomolecule interaction at the cell surface that the combined information from the two technologies is used. The group’s overall research initiative seeks to engineer artificial membrane and tissue platforms to probe biological systems and to translate these findings into enhanced therapeutic and drug delivery options that more effectively target infectious diseases, inflammatory disorders and cancer.

“The integration of NPS sensors with acoustic sensor techniques for simultaneous measurements on the same sensing surface enables unparalleled capabilities for probing the hydration and non-hydration mass properties of biological and biomaterial systems”, says Professor Nam-Joon Cho, Nanyang Technical University

The order value is of limited impact on the revenue due to that the order is for an Acoulyte module and not a full Acoulyte system.

Questions are answered by:

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