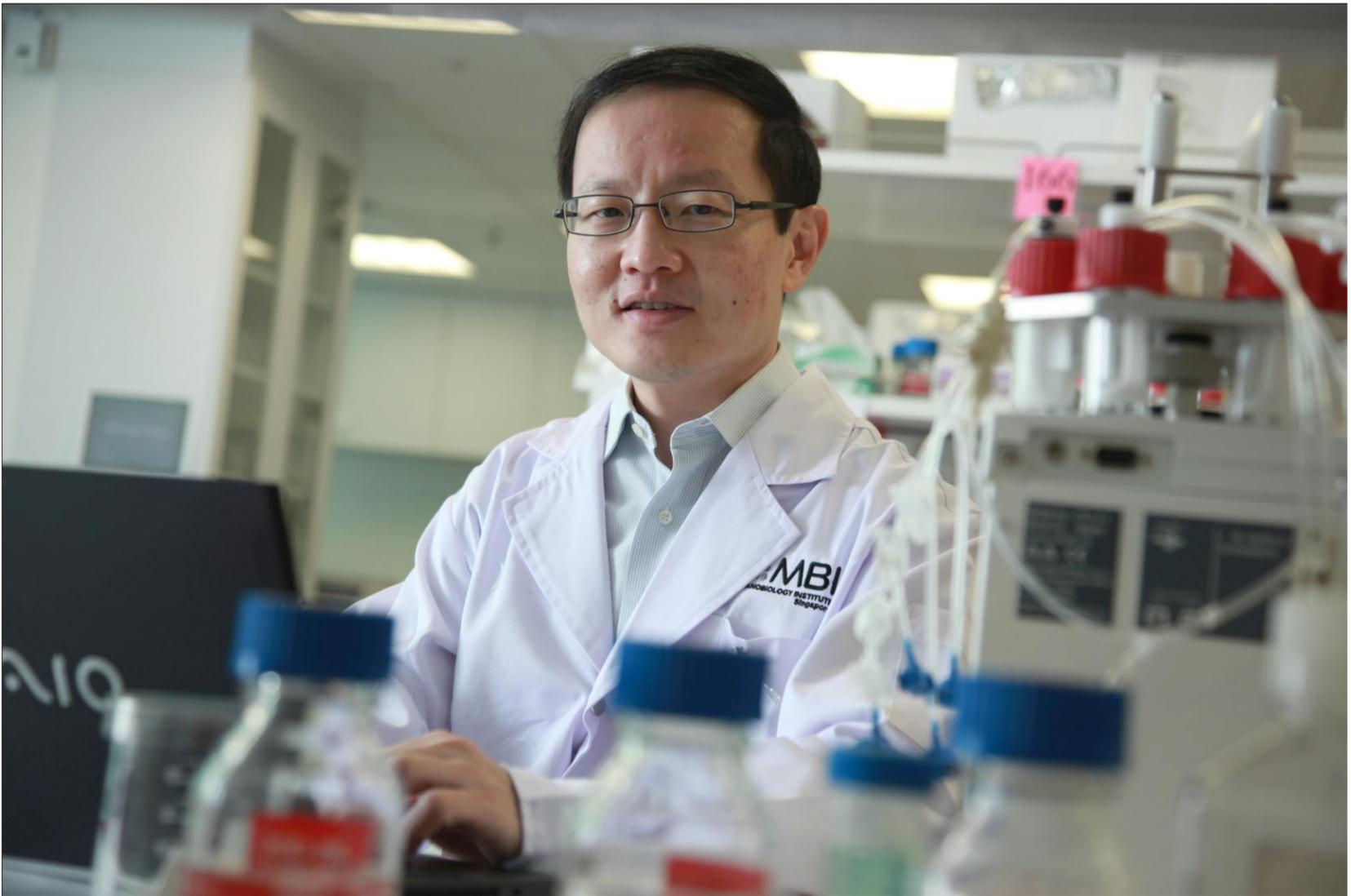


Winning the Outstanding NUS Innovator Award -- another accolade for his engineering spirit



Prof Lim Chwee Teck has garnered many awards and accolades, the Outstanding NUS Innovator Award being the most recent.

PROFESSOR Lim Chwee Teck, Department of Biomedical Engineering, adds another feather to his cap when he won the NUS Outstanding Innovator Award at the InnovFest 2014 organised by NUS Enterprise. The award recognizes the innovativeness of the technology and its commercial and social impact. It also takes into consideration the track record of the recipient -- whether the individual has received any international awards and other forms of recognition.

Prof Lim, who is also with the NUS Mechanobiology Institute, has developed a suite of microfluidic devices that harvests circulating tumour cells from the blood. This technology was spun off into Clearbridge BioMedics in 2009, which has since been commercialised into a device that can detect and diagnose cancer. This is commercially-available for research use and Clearbridge BioMedics is now targeting clinical diagnostic applications.

His second innovation is a nanofibre technology, which was spun off into Clearbridge Nanomedics in 2010. The company is developing a nanofibre mesh which is ultra-pliable, with high surface contact area and time-release properties. This has applications in the medical or cosmetics industries. Prof Lim is a co-founder of both Clearbridge Biomedics and Clearbridge Nanomedics. He was also involved in co-founding two other companies, Robust Dynamics and Clearbridge mFluidics, and an incubator, Clearbridge Accelerator.

Prof Lim is currently working in the area of skin regeneration and was instrumental in clinching a research partnership with L'Oreal. This project aims to characterise the behaviour of skin cells present in the dermis and epidermis, after exposed to mechanical stresses and variations in the environment. Prof Lim is an inventor of eight independent patent families.

Please also see:

Clearbridge BioMedics enables more personalised medicine to combat cancer: <http://www.eng.nus.edu.sg/ero/announcement/2014/web-clearbridge01-4.pdf>

Clearbridge BioMedics hits the high notes: <http://www.eng.nus.edu.sg/ero/announcement/2013/web-clearbridgevertex03-13%20.pdf>

An even faster method to detect live cancer cells: <http://www.eng.nus.edu.sg/ero/news/index.php?id=1552>

Biochip wins IES Prestigious Engineering Achievement Award: <http://www.eng.nus.edu.sg/ero/news/index.php?id=823>

Why Engineering? Prof Lim talks about his passion for Engineering: <http://www.youtube.com/watch?v=SEe-wJXTPBQ>