NUS Bioengineering spin-off wins TechVenture’s Most Disruptive Innovation Award

Co-founder of Clearbridge NanoMedics, Professor Lim Chwee Teck, a faculty member with the NUS Departments of Bioengineering and Mechanical Engineering, said their nanofibre technology has been commercialised for several different applications. The company is developing various high-surface contact area, ultra-pliable, time-release, leave-on nanofibre meshes which provide an ultra-high surface contact area due to the extremely fine nature of the nanofibres. Apart from ensuring better conformity to the skin’s surface, the extremely pliable nature of the nanofibre mesh makes it ideal for contouring and its ultra-thinness allows it to be comfortably worn. The applications for these nanofibre meshes range from extended-wear facial masks, anti-ageing treatment stickers or dermal patches for burns or difficult wounds.

Commenting on their success, Prof Lim said that there needs to be conviction (a strong belief in what they are doing is right), commitment and of course, passion. NRF’s CEO Professor Low Teck Seng, commenting on TechVenture in Digital News Asia (19 October) observed that passion is what really differentiates the academics who have made the leap to business – describing it as “passion mixed with a pinch of recklessness”. He noted that Prof Lim is one such academic turned entrepreneur.