

# Singapore scientists develop reusable mask able to filter 99.9% of bacteria, viruses and haze



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Associate Professor Liu Zheng (left) holding the nanotech mask with Professor Lam Yeng Ming holding the copper nanoparticles in a bottle. - NTU

SINGAPORE (The Straits Times/ANN): Scientists from the Nanyang Technological University (NTU) have developed a reusable mask that is able to kill bacteria droplets within 45 seconds and filter 99.9 per cent of bacteria, viruses and haze particles - better than the medical-grade N95 masks used in hospitals.