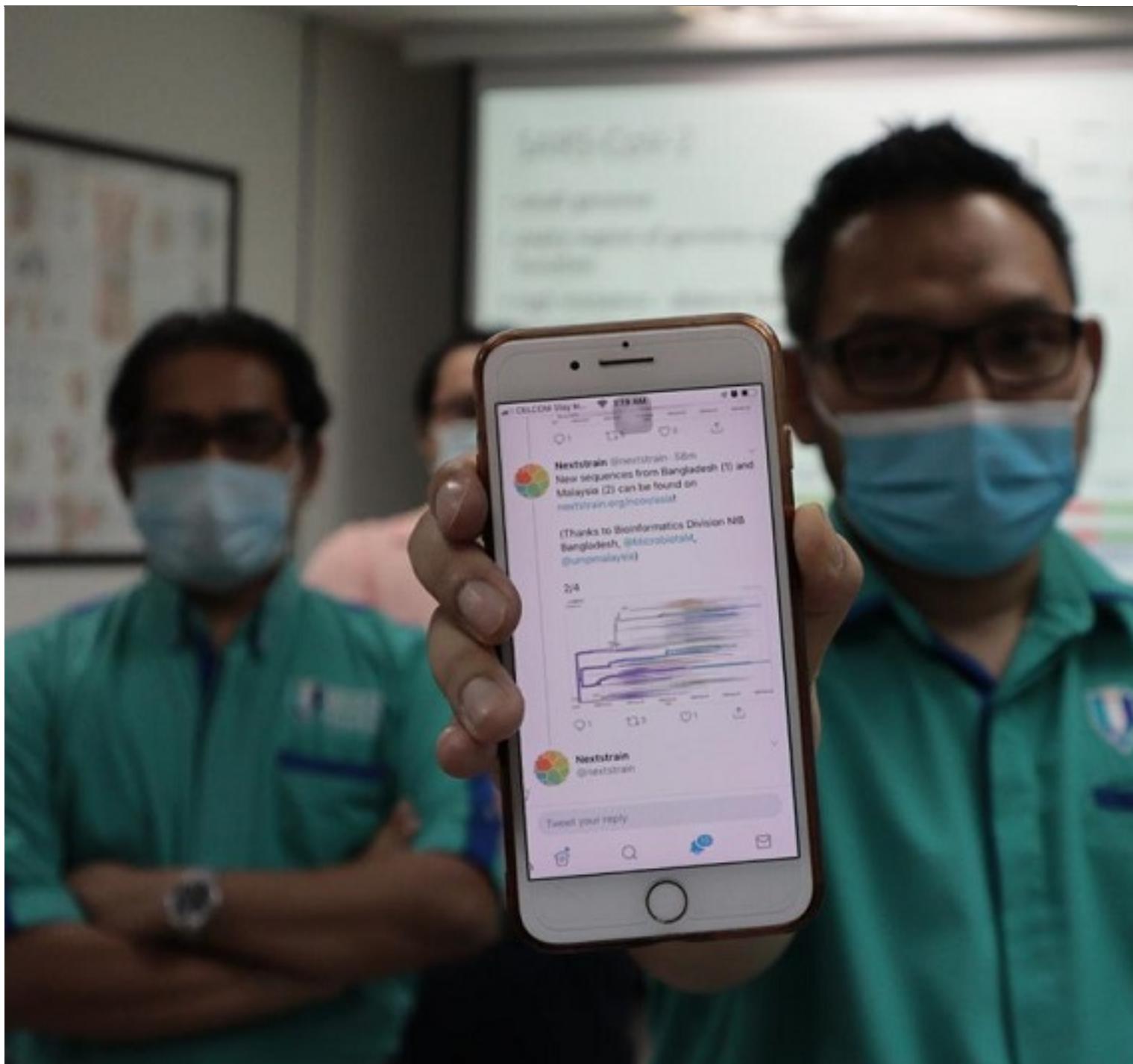


The UMP Edge

Universiti Malaysia Pahang

University Ranking Newsletter

UMP Researcher Finds Different Clade in Covid-19 Genome



A researcher from Universiti Malaysia Pahang (UMP) (www.ump.edu.my) who carried out a genome sequencing study on "Covid-19 Strains in Malaysia", discovered a different lineage of the clade of Covid-19. The team led by a researcher in the Faculty of Information and Communication Technology (FIST), Dr. Hajar Fauzan Ahmad, 35 who has expertise in high-throughput sequencing, microbiome and bioinformatics research involving the sequencing of the Covid-19 virus that spread in the country. At this moment, the UMP COVID-19 research team is working on understanding the unique clade of the virus and its immune responses towards this specific clade and eventually building a diagnostic method that is sensitive and specific. In the early stages, the clade that they sequenced has been evaluated by Gael Millot, a scientist from the Pasteur Institute in Paris, France, who is an expert in virology. The Nextstrain COVID-19 lineage tree visualization that functions to collect data on various types of coronavirus sequences that cause the spread of Covid-19 was used for this study. This study is part of an epidemiological study for this SARS-CoV-2 virus. Besides that, this type of information is vital to bring public awareness and to develop a diagnostic method for the virus. The discovery of the unique clade of the virus among the Pahang populace will be published academically soon. Dr. Hajar Fauzan Ahmad and her team will continue to expand to produce the best diagnostic method together with an effective vaccine to protect the public.

Credit to Pekan Review

UMP Produces Safe Aureiz Brand Personal Care and Hygiene Products



A lecturer from the Faculty of Chemical & Process Engineering Technology, Universiti Malaysia Pahang (UMP) (www.ump.edu.my) who has more than ten years of research experience at the university, has successfully produced three personal care products namely antimicrobial hand wash, antimicrobial body cleanser and antimicrobial space cleaning spray. Under the brand name Aureiz Bhd. are funded by the Bumiputera Entrepreneurs Startup Scheme (SUPERB), under the Bumiputera Agenda Norashikin, the hand wash is produced using safe antimicrobial substances, and it can clean hands from dirt, bacteria and viruses. He explained that natural surfactant is used to produce foam. It is safe for users and the materials used are also environment friendly.

By Puan Mimi Rabita Abd Wahit, Public Relations Unit, Office Of The Vice-Chancellor

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