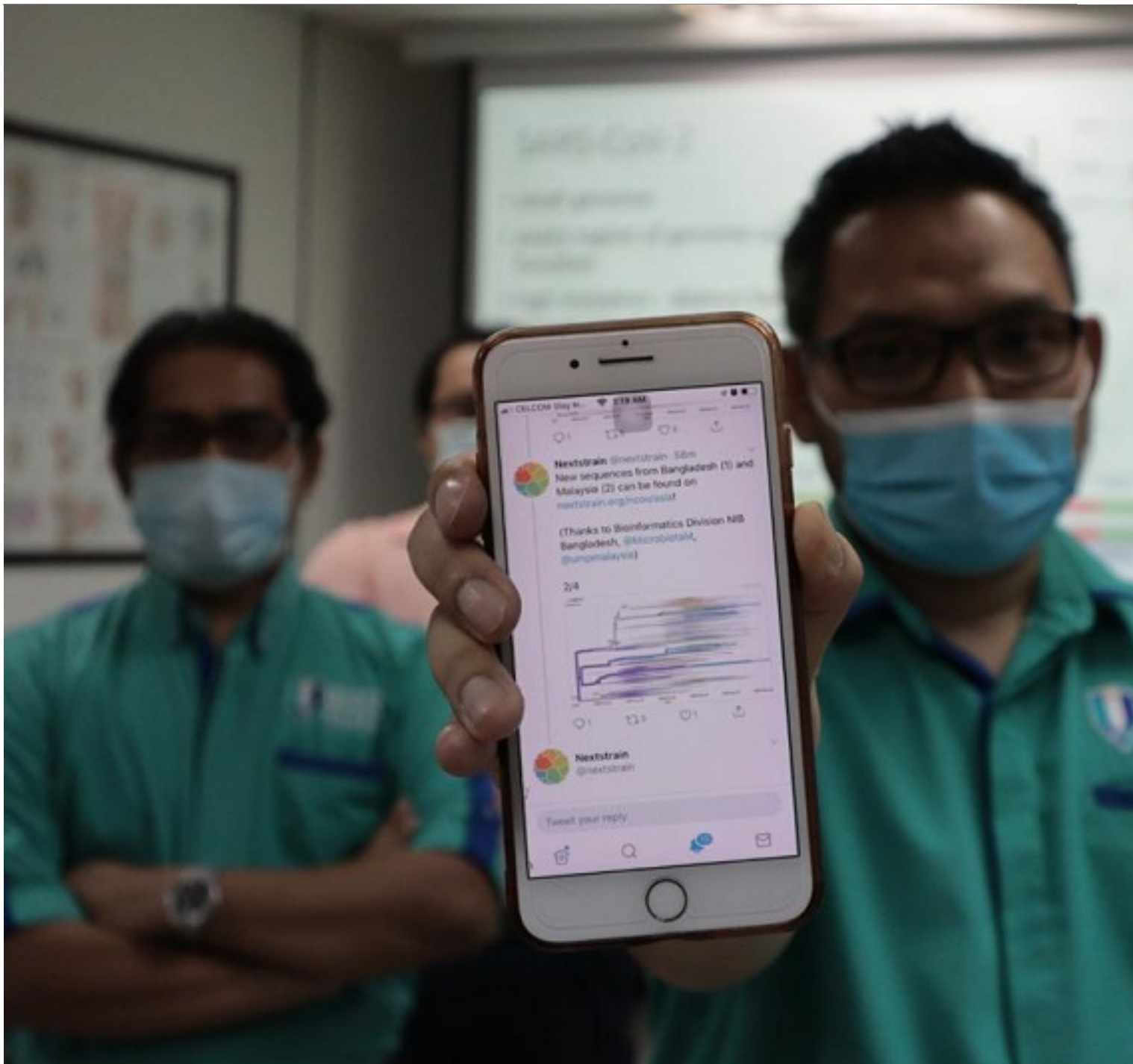


# The UMP Edge

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](http://www.ump.edu.my)) who carried out a genome sequencing study titled "Genome Sequencing of Covid-19 Strains in Malaysia", discovered a different lineage of the clade of Covid-19. The team led by a researcher from the Faculty of Science and Technology (FIST), Dr. Hajar Fauzan Ahmad, 35 who has expertise in high-throughput sequencing, microbiome research and bioinformatics, is currently conducting research involving the sequencing of the Covid-19 virus that spread in the country. At this moment, the UMP COVID-19 research team is studying the 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 of France, who is currently working on a diagnostic method that functions to collect data on various types of coronavirus sequences that cause the spread of Covid-19 worldwide. This research 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 support the discovery of the unique clade of the virus among the Pahang populace will be published academically soon. Dr. Hajar Fauzan Ahmad 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](http://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 2030. Norashikin, the hand wash is produced using safe antimicrobial substances, and it can clean hands from dirt, bacteria, and viruses. She explained that natural surfactant is used to produce foam. It is safe for users and the materials used are also environmentally friendly.

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



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