

Prof. Khatijah Mohamad Yusoff

Senior Professor

Faculty of Biotechnology
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Field: Microbiology, Virology.



Prof. Khatijah is currently a senior professor of Microbiology at the Faculty of Biotechnology at Universiti Putra Malaysia. Her research on Newcastle disease virus has won her many awards including the 2005 Carlos J Finlay Prize for microbiology by UNESCO, the National Young Scientist Award in 1990 and the Merdeka Award in 2015.

Her current research interest is in the development of NDV as a therapeutic oncoviral vaccine through the use of reverse genetics. She has over 100 publications in refereed journals and well over 290 papers in proceedings and abstracts. In addition, she has filed several patents and trademarks, and currently holds a US patent. Some of the work include an RT-PCR-ELISA test was developed for mass screening of NDV in chickens; the NP protein of NDV has been genetically modified to act as a molecular carrier for drug and vaccine delivery systems, and an anti-NDV peptide was developed to inhibit NDV replication in vivo as well as distinguish between chickens infected with the virulent field strains from the vaccinated ones.

She is a Fellow of the Academy of Sciences Malaysia and Vice-President of TWAS (East and South East Asia) as well as the Islamic World Academy of Sciences. She also sits on the Council of Science Advisers (CSA) of the International Centre for Genetic Engineering and Biotechnology (ICGEB). She was formerly a Board of Trustee member for the International Livestock Research Institute (ILRI) and Board of Governors for SEAMEO-BIOTROP. Currently, she is the Acting Chairman for Greentech Malaysia, a member of the Board of Directors for VentureTech and Steinbeis Malaysia Foundation.

Further Information: <https://www.researchgate.net/profile/Khatijah-Yusoff>