



## NADCHATRAM MEDALIST 2019

### DR. KHADIJAH SAAD

Dr. Khadijah Saad has 14 years' experience in veterinary parasitology, especially in worm infection in ruminants (sheep, goats and cattle). She was employed by the Department of Veterinary Services for 4 years under the supervision of Dato' Dr. Chandrawathani Panchadcharam before working at Universiti Malaysia Terengganu. She studied PhD under the supervision of internationally recognized veterinary parasitologists, Professor Lewis Kahn, Professor Steven Walkden-Brown and Dr. Justin Bailey. Dr Khadijah was the only PhD graduate in her year to graduate cum laude due to the excellent quality of her thesis. Returning to Malaysia, she was awarded the 'High Impact Publication' prize by Universiti Malaysia Terengganu.

Dr. Khadijah is well known among the farmers and veterinarians working on worm infections in livestock. She is known as 'Doktor Cacing' (Dr. Worm) and often contacted by the Department of Veterinary Services, other parasitologists, veterinarians and farmers for advice. Dr. Khadijah's specialist knowledge is highly valued, and she is invited to contribute to knowledge transfer programs for farmers on worm infection in livestock in Malaysia. She has shared her knowledge with farmers in many states, including Perak, Terengganu, Johor, Kedah and Sabah. Dr Khadijah was also featured in a newspaper article for her farm visits to help farmers with worm infection problem in their animals.

To date, Dr Khadijah has published more than 15 research articles on her work. She has also written a book chapter on anthelmintic resistance of worms in sheep and goats. She has actively participated in conferences, presenting the findings of her research, and has taken part in local and international collaborations after attending these conferences. She was appointed Associate Editor for several journals, namely Tropical Biomedicine (Malaysian Society of Parasitology and Tropical Medicine), Malaysian Journal of Veterinary Research (Department of Veterinary Services), and Plant and Animal Tropics (Universiti Malaysia Terengganu). Dr. Khadijah has also been appointed as a reviewer for journals including Tropical Biomedicine, Malaysian Journal of Veterinary Research, Malaysian Applied Biology and Sains Malaysiana for research articles related to veterinary parasitology.

Dr. Khadijah was one of 17 recipients from Universiti Malaysia Terengganu's Fundamental Research Grant Scheme in 2014, as a principal investigator for the project 'Prevalence of Liver Flukes in Livestock in Terengganu'. The grant was worth RM108,800 and this project is now completed. She was also one of the participants in the Knowledge Transfer Assimilation Grant Scheme Universiti Malaysia Terengganu in 2019, as principal investigator for 'Worm Infection and Anthelmintic Resistance Detection in Sheep and Goats'.

Dr. Khadijah has supervised three post-graduate students (MSc in Animal Science), with two of the students graduated in 2017. She has also supervised more than 40 undergraduate students for final year projects since 2013.