



## Kandy Tzu-yun Teng Associate Professor, Veterinarian

**Research Interests:** One Health/One Welfare, Animal welfare quantification, Shelter and companion animal welfare, Small animal epidemiology, Veterinary epidemiology

**Courses Taught:** Veterinary public health, Animal welfare science, Clinical conference, Special topics in animal welfare, Small animal clinical behavior, Veterinary volunteer clinic for companion animals

**E-mail:** [kendyteng@dragon.nchu.edu.tw](mailto:kendyteng@dragon.nchu.edu.tw)

**Lab phone number:** 04-22840368 #18

### Educational and Professional Background

Dec 2025 to present	Veterinary Teaching Hospital, National Chung Hsing University	Behavior Vet
Sep 2024 to present	Taiwan Society of Animal Welfare Science	Director
Aug 2022–Jan 2026	Depart. of Veterinary Medicine, National Chung Hsing University	Assist Professor
Jul 2020–Jul 2022	Depart. of Veterinary Medicine, National Taiwan University	Postdoc Researcher
Nov 2018–May 2020	VISAVET, Complutense University, Spain	Postdoc Researcher
2014–2018	Sydney School of Veterinary Science, the University of Sydney, Australia	PhD
2006–2012	Depart. of Veterinary Medicine, National Taiwan University	DVM

### Honors and Awards

Feb 2026 to present	Distinguished Associate Professor, National Chung Hsing University
Aug 2025	Dr. Ta-You Wu Memorial Award, National Science and Technology Council
Jan 2025	《Life tables of annual life expectancy and risk factors for mortality in cats in the UK》 as one of the most widely read article in <i>Journal of Feline Medicine and Surgery</i> in 2024.
Sep 2024 to present	<i>Preventive Veterinary Medicine</i> special issue: 《17th International Symposium on Veterinary Epidemiology and Economics Special Issue: Veterinary Epidemiology & Economics in the Asia-Pacific—For the region, By the region》 guest editor.
Mar 2023	Recipient of 2023 RGU International Guest Researcher Program. Rakuno Gakuen University, Japan.
Oct 2019	GeoVet 2019 Travel Award. GeoVet Committee.
May 2018	Doctorate awarded without emendation. Sydney, Australia.
Jan 2016	2015 RSPCA Australia Alan White Scholarship for Animal Welfare. RSPCA Australia.
Dec 2013	Taiwanese Government Sponsorship for Overseas Study (3-year scholarship). Taiwanese Government, Taiwan
Nov 2013	2014 Endeavour Postgraduate Scholarship (4-year scholarship). Australian Government.

### Selected Research and USR Projects

Principal investigator	<u>Quantifying the Burden of Welfare Conditions and Diseases in Shelter Dogs.</u> National Science and Technology Council, NT\$5,190,000, 01/08/2025–31/07/2028
Co-investigator	<u>StrayLOHAS: Stray Animals Reduction and Fulfilment of Welfare Project.</u> Ministry of Education, NT\$33,000,000, 01/01/2025–31/12/2027
Co-investigator	<u>K-BAD, Estimating the Kanine Burden of Animal Disease in the UK.</u> Dogs Trust Canine Welfare Grants, the United Kingdom NT\$3,976,546, 01/09/2024–31/08/2027

Principal investigator	<u>Using Cost-Benefit Analysis and "Willingness to Pay" Methods to Prioritize Taiwan's Dog Population Management Policy</u> National Chung Hsing University, NT600,000 01/04/2025–31/12/2025
Principal investigator	<u>Optimise Strategies of Free-roaming Dog Population Reduction in Taiwan</u> Ministry of Agriculture, NT2,500,000 01/01/2024–31/12/2024
Co-investigator	<u>Comparative pharmacokinetic studies to reduce representative species of Perciformes</u> Ministry of Agriculture, NT1,520,000 01/01/2024–31/12/2024
Principal investigator	<u>Optimising the Management of Animal Population and Welfare in Public Animal Shelters (OMAPWAS)</u> . National Science and Technology Council, NT\$2,760,000, 01/08/2023–31/07/2025
Sub-investigator	<u>StrayLOHAS: Stray Animals Reduction and Fulfilment of Welfare Project.</u> Ministry of Education, NT\$20,900,000, 01/01/2023–31/12/2024

### Selected Publications

1. **Teng KT**, Shiu YJ, Wang SL\*. Evaluation of owners' and veterinarians' attitudes toward veterinarian dressing styles in a teaching hospital in Taiwan. *Scientific Reports*. 2025; 15:11294.
2. Chen YH, Chen CI, Lin CY, **Teng KT**\* Prevalent and severe conditions that compromise the welfare of shelter dogs: opinions from the Taiwanese experts. *Animals*. 2025; 15(4):592.
3. Liu PC<sup>+</sup>, **Teng KT**<sup>+</sup>, Lin TL, Sung CH, Cheng TL and Chou CC\*. Assessment of point-of-care quantitative serum canine pancreatic lipase testing for diagnosing acute pancreatitis in dogs. *Frontiers in Veterinary Science*. 2025; 12:1421103.
4. **Teng KT**, Chang CC, Hung SH, Chiou MT, Lin CN, Yang CY\*. Combination of an enzyme-linked immunosorbent assay and an indirect fluorescence assay for a nationwide sero-survey of *Toxoplasma gondii* infection in pig herds in Taiwan. *Preventive Veterinary Medicine*. 2024; 106286.
5. **Teng KT**\*, Church D, Brodbelt D, O'Neill D. Life tables of annual life expectancy and risk factors for mortality in cats in the UK. *Journal of Feline Medicine and Surgery*. 2024; 26(5).
6. Yan TY, **Teng KT**\*. Trends in animal shelter management, adoption, and animal death in Taiwan from 2012 to 2020. *Animals*. 2023;13(9),
7. **Teng KT**\*, Aerts M, Jaspers S, Ugarte-Ruiz M, Moreno MA, Saez JL, Collado S, de Frutos C, Domínguez L, Alvarez J. Patterns of antimicrobial resistance in *Salmonella* isolates from fattening pigs in Spain. *BMC Veterinary Research*. 2022; 18 (1), 1-17.
8. **Teng KT**\*, Pegram C, Church D, Brodbelt D, O'Neill D. Life tables providing year-by-year life expectancy and mortality for dogs in the United Kingdom. *Scientific Reports*. 2022; 12(1), 1-11.
9. **Teng KT**, Chang CC, Tsai YL, Chiu CY, Yang CY, Chou YB, Chou CC\*. A stochastic assessment to quantify the risk of introduction of African swine fever virus to Taiwan via illegal pork products carried by international travellers. *Transboundary and Emerging Diseases*. 2021.
10. **Teng KT**\*, McGreevy PD, Toribio J-ALML, Dhand NK. Positive attitudes towards feline obesity are strongly associated with ownership of obese cats. *PLoS One*. 2020; 15(6): e0234190.
11. **Teng KT**\*, Martinez M, Ugarte-Ruiz M, Barcena C, de la Torre A, Lopez G, Moreno MA, Domínguez L, Alvarez J. Spatial trends in *Salmonella* infection in pigs in Spain. *Frontiers in Veterinary Science*. 2020; 7:345.
12. **Teng KT**\*, Devleesschauwer B, Maertens De Noordhout C, Bennett P, McGreevy PD, Chiu PY, Toribio J-ALML, Dhand NK. Welfare-Adjusted Life Years (WALY): A novel metric of animal welfare that combines the impacts of impaired welfare and abbreviated lifespan. *PLoS One*. 2018;13(9):e0202580.