Toward a researcher who can contribute to



Pondpan SUWANTHADA (Moss), DVM

2013 – 2019 Kasetsart University,

Faculty of Veterinary Medicine, Thailand

2019 – 2020 Small Animal Veterinarian,

Paknam Animal Hospital, Thailand

2020- Present PhD student, Division of Bioresources,

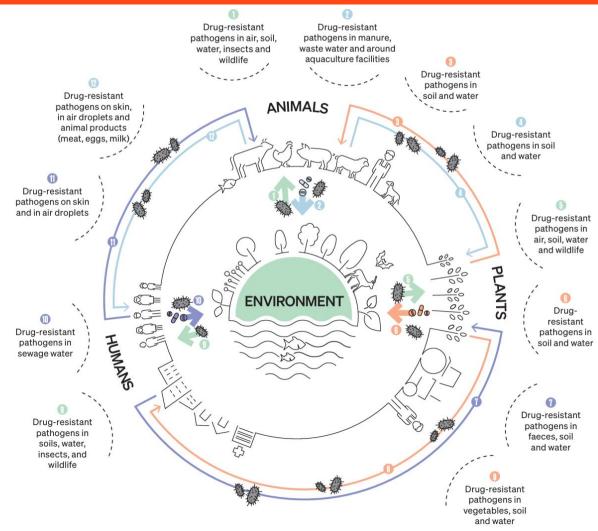
Graduate School of Infectious Diseases



Study on the drug resistant mechanism in Salmonella

Drug resistant mechanism in Salmonella

Misuse and overuse of antimicrobials can generate antimicrobial resistance.
Drug-resistant pathogens can then spread between and within animals, humans, plants and through the environment.



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How can we equip ourselves to become researchers who can contribute to One Health?

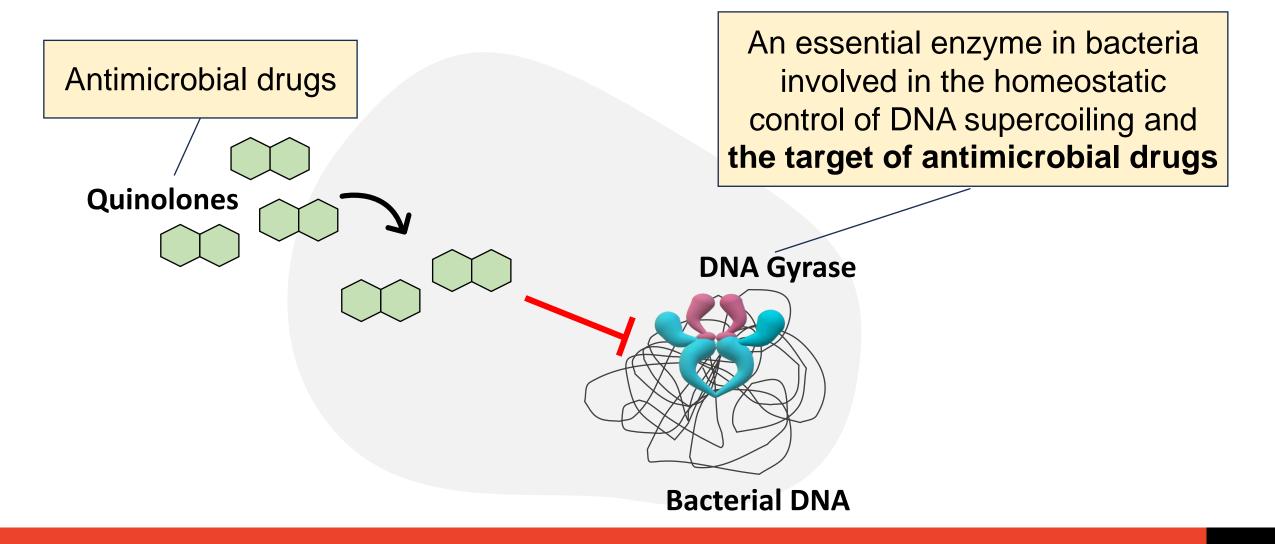
My recent experience

Bio-SPM (Scanning Probe Microscopy)
Visualizing nano-scale structures
and dynamics of living cells

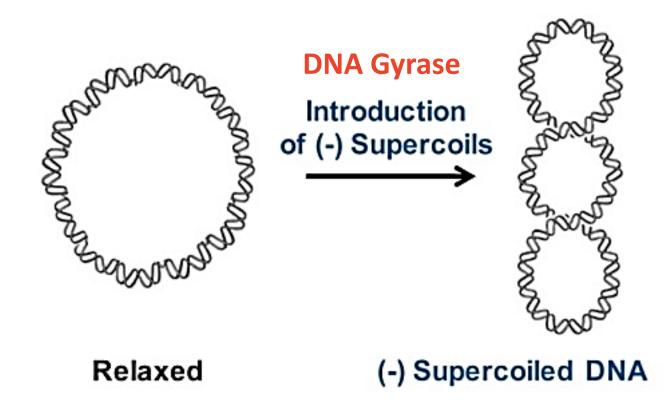




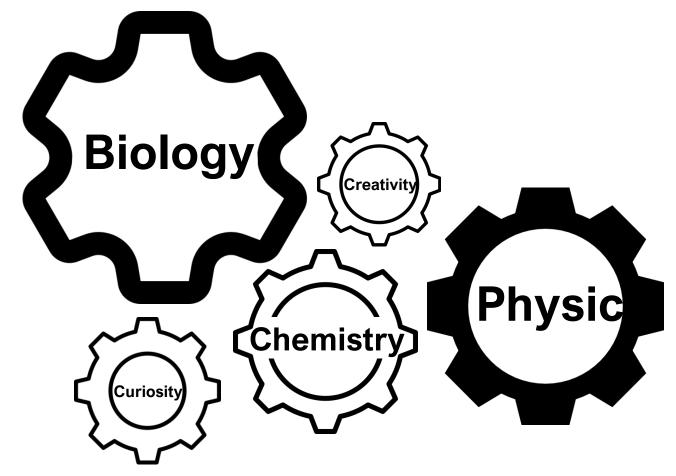
Quinolone-resistant mechanism in Salmonella



Quinolone-resistant mechanism in Salmonella



No one has ever seen it working before!!



Good example of collaboration toward
One Health

"We build too many walls and not enough BRIDGES."

Thank Jour