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Antimicrobial drug resistance at the human-animal interface in Vietnam

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Nguyen Vinh Trung

PORTFOLIO

Name PhD student: Nguyen Vinh Trung	
PhD period: 2011-2017	
Name PhD supervisors: Constance Schultsz, Jaap Wagenaar, Ngo Thi Hoa	
1. PhD training	
	Year
General courses	
- Systematic Reviews (Graduate School, AMC, UvA)	2012
- Basic Safety Laboratory (Graduate School, AMC, UvA)	2013
- Oral presentation in English (Graduate School, AMC, UvA)	2013
- Reference Manager (Graduate School, AMC, UvA)	2013
- Computing in R (Graduate School, AMC, UvA)	2013
- Scientific writing in English for publication (Graduate School, AMC, UvA)	2014
Specific courses	
- Intensive course in epidemiology and medical statistics (the London School of Hygiene and Tropical Medicine, London, UK)	2012
- One Health course (Erasmus University Medical Center, Rotterdam, the Netherlands)	2012
- DNA technology (Graduate School, AMC, UvA)	2013
- Bioinformatics (Graduate School, AMC, UvA)	2013
Seminars, workshops and master classes	
- Author and Reviewer workshop	2013
- Symposium Epidemiology of ESBLs in animals, humans and healthcare (UMC Utrecht)	2013
Presentations	
- International workshop on the use of antimicrobials in livestock production and antimicrobial resistance in the Asia-Pacific region; Negombo, Sri Lanka – oral presentation	2012
- 23 rd European Congress of Clinical Microbiology and Infectious Diseases; Berlin, Germany – oral presentation	2013
- 54 th Inter-science Conference on Antimicrobial Agents and Chemotherapy; Washington D.C, United States – poster presentation	2014
- 3 rd International One Health Congress; Amsterdam, the Netherlands – oral presentation	2015
- 26 th European Congress of Clinical Microbiology and Infectious Diseases; Amsterdam, the Netherlands – oral presentation	2016

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(Inter)national conferences	
- Scientific Spring Meeting KNVM & NVMM	2013
- Scientific Spring Meeting KNVM & NVMM	2014

2. Parameters of Esteem	
	Year
Grants	
- Public Engagement Seed Awards for the project “Community engagement activities to reduce the risk of zoonotic infections and antimicrobial resistance in Vietnam”, funded by Public Engagement Department, the Oxford University Clinical Research Unit	2016
Awards and Prizes	
- ASM Student and Post-Doctoral Fellows Travel Grant	2014

3. Publications	
	Year
Peer reviewed	
1. Carrique-Mas JJ, Trung NV, Hoa NT, Mai HH, Thanh TH, Campbell JJ, et al. Antimicrobial usage in chicken production in the Mekong Delta of Vietnam. <i>Zoonoses and public health</i> . 2015 Apr;62 Suppl 1:70-8.	2015
2. Nguyen VT, Carrique-Mas JJ, Ngo TH, Ho HM, Ha TT, Campbell JJ, et al. Prevalence and risk factors for carriage of antimicrobial-resistant <i>Escherichia coli</i> on household and small-scale chicken farms in the Mekong Delta of Vietnam. <i>The Journal of antimicrobial chemotherapy</i> . 2015 Jul;70(7):2144-52.	2015
3. Nhung NT, Cuong NV, Campbell J, Hoa NT, Bryant JE, Truc VN, et al. High levels of antimicrobial resistance among <i>Escherichia coli</i> isolates from livestock farms and synanthropic rats and shrews in the Mekong Delta of Vietnam. <i>Applied and environmental microbiology</i> . 2015 Feb;81(3):812-20.	2015
4. Nhung NT, Thuy CT, Trung NV, Campbell J, Baker S, Thwaites G, et al. Induction of Antimicrobial Resistance in <i>Escherichia coli</i> and	2015

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<p>Non-Typhoidal Salmonella Strains after Adaptation to Disinfectant Commonly Used on Farms in Vietnam. <i>Antibiotics</i>. 2015;4(4):480-94.</p>	
<p>5. Nguyen NT, Nguyen HM, Nguyen CV, Nguyen TV, Nguyen MT, Thai HQ, et al. The use of colistin and other critical antimicrobials on pig and chicken farms in southern Vietnam and their association with resistance in commensal <i>Escherichia coli</i>. <i>Applied and environmental microbiology</i>. 2016 Apr 15.</p>	2016
<p>6. Trung NV, Carrique-Mas JJ, Nghia NH, Tu LT, Mai HH, Tuyen HT, et al. Non-Typhoidal Salmonella Colonization in Chickens and Humans in the Mekong Delta of Vietnam. <i>Zoonoses and public health</i>. 2016 May 6.</p>	2016
<p>7. Van Cuong N, Nhung NT, Nghia NH, Mai Hoa NT, Trung NV, Thwaites G, et al. Antimicrobial Consumption in Medicated Feeds in Vietnamese Pig and Poultry Production. <i>EcoHealth</i>. 2016 May 19.</p>	2016
<p>8. Trung NV, Nhung HN, Carrique-Mas JJ, Mai HH, Tuyen HT, Campbell J, et al. Colonization of Enteroggregative <i>Escherichia coli</i> and Shiga toxin-producing <i>Escherichia coli</i> in chickens and humans in southern Vietnam. <i>BMC microbiology</i>. 2016;16:208.</p>	2016
<p>9. Trung NV, Matamoros S, Carrique-Mas JJ, Nghia NH, Nhung NT, Chieu TTB. Zoonotic transmission of mcr-1 colistin resistance gene from small-scale poultry farms, Vietnam. <i>Emerg Infect Dis</i>. 2017 Mar</p>	2017