**Introduction**

The Hanoi University of Public Health, Hanoi, Vietnam, in collaboration with the International Journal of Public Health, is pleased to launch the supplement entitled “Health and social determinants of health in Vietnam: Local evidence and international implications”. This supplement is published on the occasion of the 4th International One Health Congress and the 6th Biennial Conference of the International Association for Ecology and Health, 4–7 December 2016 in Melbourne, Australia. The objectives of the supplement are to: (1) contribute to fostering research capacity and international research collaborations of Vietnamese scientists and their partners and (2) provide scientific evidence for health planning, management and policymaking process in Vietnam. The supplement comprises 12 original papers and three editorials. The findings from this cluster of papers provide additional evidence on health and social determinants of health in Vietnam. The evidence is expected to be used in both Vietnam and similar settings in other countries. We hope that policymakers, managers, health staff and other health system stakeholders in Vietnam and in other countries will find this cluster of scientific papers useful. Based on the empirical evidence, public health actions should be taken.

**Guest editors**

Hoang Van Minh, MD, PhD  
Associate Professor, Hanoi University of Public Health  
Hung Nguyen-Viet, PhD  
Senior Scientist, International Livestock Research Institute (ILRI) and Honorary Professor, Hanoi University of Public Health  

**Contact at the conference**

Hung Nguyen-Viet  
Acting Regional Representative for East and Southeast Asia and Senior Scientist, Ecohealth and food safety, ILRI  
Honorary Professor, Hanoi University of Public Health  
Phone: +84 973 445 050 | Email: h.nguyen@cgiar.org

**Contents**

- Assessing potential health impacts of waste recovery and reuse business models in Hanoi, Vietnam
- Changes in knowledge, attitude and involvement of fathers in supporting exclusive breastfeeding: A community-based intervention study in a rural area of Vietnam
- Prenatal diagnostic services in three regional centers in Vietnam
- Trends in childhood measles vaccination highlight socioeconomic inequalities in Vietnam
- Coverage of health insurance and associated factors among the near-poor in rural Vietnam
- Exposure assessment of chemical hazards in pork meat, liver, and kidney, and health impact implication in Hung Yen and Nghe An provinces, Vietnam
- Longitudinal associations between bullying and mental health among adolescents in Vietnam
- Diarrhea risks by exposure to livestock waste in Vietnam using quantitative microbial risk assessment
- Quantitative risk assessment of human salmonellosis in the smallholder pig value chains in urban Vietnam
- Ascaris lumbricoides egg die-off in an experimental excreta storage system and public health implication in Vietnam
- Patterns of the utilization of prenatal diagnosis services among pregnant women, their satisfaction and its associated factors in three large regional prenatal diagnosis centres in Vietnam
- Clinical characteristics of pediatric HIV-1 patients treated with first-line anti-retroviral therapy in Vietnam: A nested case-control study
- Health and social determinants of health in Vietnam: Local evidence and international implications
- Reduction of antimicrobial use and resistance needs sectoral collaborations with a One Health approach: Perspectives from Asia

**Acknowledgements**