

Activity report 2015 One Health Sweden

Organization

Steering group: Lotta Berg, Swedish University of Agricultural Sciences (SLU), Chair
Karin Artursson, National Veterinary Institute (SVA)
Björn Olsen, Uppsala University (UU)
Jonas Waldenström, Linnéus University (LnU)

Co-opted: Josef Järhult, UU, and Susanna Sternberg Lewerin, SLU.

Project coordinators: Eva Haxton, UU, and Anna Lindberg, SVA.

The Steering group has met four times during 2015, once in Kalmar and three times in Uppsala.

The IEE One Health Journal: Tanja Strand, UU.

Web editor: Staffan Tamm, SVA.

Research network: Close to 400 researchers are registered members of One Health Sweden (OHS).

Calendar

26 January: OHS research pub "Climate change and influence on human and animal health". "Essential conclusions from the Fifth Assessment Report from the Intergovernmental Panel of Climate Change", Lars Bärring, Swedish Meteorological and Hydrological Institute (SMHI). "Global Environmental Change and Infectious Diseases in Europe: Prototype Early Warning Systems", Jan Semenza, European Center for Disease Prevention and Control (ECDC). "West Nile Fever", Linda Ernholm, SVA.

29-30 January: EU COST-NEOH, "Network for evaluation of One Health", Royal Veterinary College in London. OHS participation: Karin Artursson, Eva Haxton and Ann Lindberg. NEOH is an EU COST-financed network. OHS is also represented in the management committee and in WG4. The aim of NEOH is to develop, test and evaluate methods to measure the benefit of a One Health-perspective for research and practice, and to communicate the results to the public and decision makers.

2 February: The zoonosis seminar serie for 2015 starts, organized by OHS cooperative partner Zoonotic Science Center (ZSC), IMBIM, UU. ZSC is since 2013 an increasingly important partner for OHS and an increasing number of researchers from the OHS-network are now linked to ZSC.

February: News about OHS and NEOH-work in HEALs Newsletter. OHS is a member of Health and Environment Alliance, HEAL, in Brussels. HEAL is an independent non-profit lobby organization within the EU working with issues concerning how health and life quality are influenced by the environment within the EU.

15-18 March: 3rd International One Health Congress, Amsterdam, poster by OHS on Education meets Science. Swedish participation with more than 30 active participants including several orals and posters.

8 April: OHS research pub. Johanna Lindahl, SLU, post doc in Kenya, talked about "One health approaches to different problems - work at International Livestock Research Institute (ILRI)". There was also a presentation by Tanja Strand, ZSC - "Highly pathogenic Leptospira in Swedish urban brown rats".

20-21 April: Infections biology meeting arranged by MIMS in cooperation with OHS, on One Health and antibiotic resistance. Speakers from UU were among others Björn Olsen, Dan Andersson, Otto Cars and Åsa Melhus, from SVA Björn Bengtsson.

22 April: Seminar in the European parliament in order to share Nordic experience with the parliamentarians and create attention for issues such as the OH challenge to prevent infectious disease and resistance. Lotta Berg, SLU, spoke under the heading "Improved animal welfare leads the way to healthier people experiences from Sweden". Arranged by the Nordic Council. Information about the seminar in HEALs Newsletter and the dissemination about this info in the network of the Nordic Council.

20-21 May: Global conference on One Health, Madrid, organized by the World Veterinary Association (WVA) and the World Medical Association (WMA). OHS presented a poster on Education meets Science.

1 July: "Almedalsveckan". Swedish farming without antibiotics - is that possible? Panel debate in Swedish where Lotta Berg, SLU, participated.

25-26 August: Information material about OHS distributed at a conference in Hanoi under the framework of the US initiative The Global Health Security Agenda (GHSA); "International Conference on Zoonotic Disease Prevention and Control: Addressing Health Threats Posed by Zoonotic Diseases - Regional & Global Collaboration and Technical Exchange".

6 October: CVI, center for vector borne infections, opened for the first patients at the Clinic of Infectious Disease at Uppsala University Hospital. Cooperation with researchers at Clinical microbiology at Uppsala university hospital and IMBIM at BMC.

7-9 October: MedVetNet Association scientific conference "Global Challenges in foodborne zoonoses: combating emerging threats using a One-Health approach", Paris. Karin Artursson, SVA, presented a NEOH poster.

14 October: One day seminar on Zoonotic Infections in Uppsala in cooperation with ZSC. We had 75 registered participants and a number of distinguished speakers, such as Björn Andersson (KI), Carol Esson (James Cook University, Australia), Birgitta Lytsy (UU hospital), Jenny Frössling (SLU/SVA), Åke Lundkvist (UU), Dolores Gavier-Widén (SVA) and many more, and a number of interesting posters were also put on display. Information about the seminar was included in HEALs Newsletter.

27-29 October: HEALs annual general assembly, Eva Haxton participated for OHS.

17 November: OHS presentation at "International seminar: Towards Healthy Food", University of Alexandria, High Institute of Public health, Egypt.

23 November: OHS research pub: Susanne Sütterlin (UU) "Aspects on bacterial resistance to silver", Martin Andersson (LnU) "Babesia, a tick-borne zoonosis in Sweden", Björn Vinnerås (SLU) "Fly larvae composting - The future in waste management and protein production".

The web www.onehealth.se is constantly updated. Scientific conferences and meetings have been advertised, articles on the One Health-area have been added, activity reports published etc. The information is mainly in English.

The One Health Journal "Infection Ecology and Epidemiology" has during 2015 published 42 articles on the theme infection biology from a One health-perspective. The number of papers published in 2015 permitted us to apply for an impact factor. All material is published online and is open access for researchers globally within this field. The number of unique visitors to the IEE website increased from 2014's near 10 000 to 17 500 in 2015. The OHS Steering group in cooperation with other network members have published three articles in IEE during 2015: "The concept of health in One Health and some practical implications for research and education: what is One Health?", "The Network for Evaluation of One Health: evidence-based added value of One Health", "One Health education meets science".

Financing

The activities for 2015 have been financed by

- Uppsala University: 100% consisting of half time coordinator, One Health-research activities, editor for the One Health Journal and other administration and running costs.
- National Veterinary Institute, SVA, has contributed with 30% project coordination and direct running cost contribution of 10 000 SEK.
- The Swedish Agricultural University, SLU: 110 000 SEK contribution to coordination, travel to steering group meetings and seminar activities, as well as co-financing of the running costs for the One Health Journal.
- Linnéus university, Kalmar, has contributed 10 000 SEK to OHS-administration and running costs.