

Activity report 2016 One Health Sweden

Organization

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

Co-opted: Josef Järhult, UU, and Henrik Rönnberg, SLU.
Project coordinators: Eva Haxton, UU, and Anna Lindberg, SVA.
The Steering group had four formal meetings during 2016.

The IEE One Health Journal: Tanja Strand, UU.
Web editor: Staffan Tamm, SVA.

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

Calendar

18-19 January: The first NEOH-meeting 2016 was held in Lisbon, with speakers from OHS - Björn Olsen and Åsa Melhus. NEOH, "Network for evaluation of One Health", is an EU COST-financed network. 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. In February a meeting was held in Brussels involving communication where the Nordic Council among others informed about their work on One Health in cooperation with OHS.

March: A project about how to communicate One Health to the public, especially children, started, funded by the Swedish Civil Contingencies Agency. The project will run for three years and OHS is one of the partners.

4 March: Meeting with the EU member of parliament Fredrick Federley at SLU, including discussion about One Health and antibiotic resistance (Lotta Berg).

9 March: The zoonosis seminar serie for 2016 starts, organized by OHS cooperative partner Zoonotic Science Center (ZSC), IMBIM, UU.

17-18 March: The 6th Scientific Meeting took place at Gustavianum, Uppsala, "A World in Transition – Changes in Infection Ecology". About 90 persons attended. Among our speakers were Lisa Conti, US, one of the founders of One Health Initiative, who approached the One Health-theme in practice with reference to controlling invasive species; Frank Aarestrup, DTU, Denmark ("Global infectious disease surveillance - Alternatives to enhanced Collection of clinical data"); Sam Sheppard, Swansea University ("Population genomics and evolution of Campylobacter") and Ana Rivière-Cinnamond, PAHO/WHO, on community level of One Health implementation with examples from PAOH/WHO-work.. The meeting was supported by the Swedish research councils FORMAS and Vetenskapsrådet.

8-12 April: 26th European Congress of Clinical Microbiology and Infectious Diseases, Amsterdam. Information regarding the IEE-Journal and OHS was distributed among participants. Several speakers referred to NEOHs OH-work.

10 May: OHS research pub: Hussein Khalil (SLU) "Ecosystem health and human disease risk", Jan Lundström (UU) "The Zika outbreak and its control", Maria Lundberg (Uppsala University Hospital) "Malaria - epidemiology and microscopy".

13 September: OHS research pub: "Food safety". Karin Söderqvist (SLU) "Is your salad safe to eat? Growth of pathogens in ready-to-eat salads", Hans Lindmark (National Food Agency) "Preventing foodborne diseases – what does the Food Agency do?", Cecilia Jernberg (Public Health Agency) "Using WGS as the primary tool in molecular surveillance of foodborne pathogens".

21-25 September: Meeting in Bucharest with One Health Romania. The aim was to introduce One Health Romania to other One Health alliances. OHS was represented by Karin Artursson, Josef Järhult and Anders Lindström.

26 October: Half day seminar on Comparative Medicine in Uppsala. Henrik Rönnerberg (SLU) "Spontaneous occurring cancer in companion animals a valuable resource for drug development", Stina Ekman (SLU) "Joint disease – similarities in animals and humans", Gustav Ullenhag (Uppsala University Hospital/UU) "Specific immunotherapy against malignant melanoma".

3-7 December: 4th International One Health Congress & the 6th Biennial Congress of the International Association for Ecology and Health, Melbourne. OHS was well represented with several posters and active participation at all activities and events during the congress.

General

Examples of participation in examination committees and public examinations for doctoral degrees within OHS: Public examination UU, examination committee SVA (May 4, Katarina Wallmenius). Half time UU, examination committee SLU (May 31, Marie Nyqvist). Public examination UU, examination committee SVA (October 26, Anders Lindblom). Public examination SLU, examination committee SVA (December 16, Andrea Miller).

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 2016 published 46 articles on the theme infection biology from a One health-perspective. 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 2015's 17 500 to approximately 43 000 in 2016. In the end of the year a special issue of the journal was dedicated to papers dealing with One Health research and training worldwide.

The activities for 2016 have been financed by

- Uppsala University: Part time coordinator, One Health-educational 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. SVA has also managed the website www.onehealth.se.
- The Swedish Agricultural University, SLU: 100 000 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.
- The Swedish Research Council Formas has contributed to OHS's annual Scientific conference with 86 000 SEK.
- Swedish Research Council (Vetenskapsrådet) has contributed to OHS's annual Scientific conference with 95 000 SEK.

All partners have also contributed in kind to steering group activities, meeting arrangements, networking, implementation of the One Health concept at the respective organization etc.