



# ONE HEALTH SWEDEN

HUMANS | ANIMALS | ENVIRONMENT

## 2022 Activities

### Research pubs:

9 November, Umeå/Zoom meeting, “Role of ecological monitoring and modelling in One Health”,

Frauke Ecke (University of Helsinki; Finland and SLU): ”Looking back to understand the future – The value of environmental monitoring for disease ecology”

Henrik Sjödin (Department of Public Health and Clinical Medicine, Umeå University): ”Ecological modelling in epidemiology - examples from dengue vectors and an outlook on eco-evolutionary processes in zoonotic disease transmission”

### Scientific meeting:

11th One Health Sweden Scientific Meeting "Pandemics and preparedness"  
29-30 March 2022, Funded by Forte.

#### Day 1

12.30-13.00 Breaking news – Anna Székely and Lena-Mari Tamminen

13.00-14.00 Pandemic know-how for future preparedness – signals and gaps

a. Early warning signals: why don't we act? – Prof. in Political Science, Magnus Ekengren, Swedish Defence University

b. Communication and risks – Senior lecturer, Joel Rasmussen, Örebro University

14.00-16.45 Pandemics and food production

a. Animal welfare, consequences of zoonotic pandemics – Professor in Animal Environment and Health, Lotta Berg, Swedish University of Agricultural Sciences

b. Food production and zoonotic disease ecology - Professor and Research Leader 'Emerging and Zoonotic Viruses', Wim H. M. van der Poel, Wageningen University, the Netherlands.

c. Surveillance of animal diseases – Associate Professor in Epidemiology, Jenny Frössling, National Veterinary Institute

19:00 Conference dinner at Kalmar nation: Poster awards presented.

#### Day 2

09.00 -10.00 Morning

Overcoming future pandemics - lessons to learn and importance of cooperation and networking

- a. A holistic approach to prevention, detection and control - One Health European Joint Programme – Professor in Bacteriology and One Health, Karin Artursson, National Veterinary Institute and Swedish University of Agricultural Sciences
- b. Importance of connecting early and senior project collaborators under the One Health umbrella – PhD student Sarah Humboldt-Dachroeden, Roskilde University

10.00 – 11.00 Competition for early career’s– present your research in three minutes, 2 sessions with a discussion in the middle.

Robert Spörndly, Inês Rodrigues Faria, Tushar Kumar Dey, Maja Malmberg, Lovisa Hökby, Krista Tuominen, Ivana Ewerlöf, Anna Székely

11.00-12.00 Health and welfare aspects in One Health civic challenges

- a. To be prepared for the unexpected - Anneli Eriksson, Läkare Utan Gränser/Médecins Sans Frontières Sweden
- b. From preparedness diagnostic to large-scale testing; challenges and lessons learned – Anna-Karin Theelke, National Veterinary Institute

12.00 -12.30 Panel discussion Covid-19 reflections with seniors and early careers.

Poster exhibition during day 1 primarily by Master students and PhD-students throughout the sessions

**Steering group meetings:** 19 January, 03 Mars Skype, Teams 06 September, Teams 19 October, 28 November.

**Various Dissertations under the OHS Umbrella:**

“Dispersal of ticks and their microorganisms by African-Western Palaearctic migratory birds” 1 April 2022, Tove Hoffman, Uppsala university

**Contributions:** In kind contribution from the organisations represented in the Steering Group. Uppsala University, Swedish Veterinary Agency, University of Agricultural Sciences, Linneaus University and Umeå University. In addition, contributions from Section of Clinical Microbiology, Uppsala University Hospital. Conference grant from Forte for the 11<sup>th</sup> Scientific meeting on Pandemics and Preparedness