
NEOH UPDATES, DECEMBER 2016

- **NEOH CONSORTIUM:**

- We have now over 200 NEOH members and associates from a wide range of countries; the consortium list can be found on Alfresco:
<https://team.swisstph.ch/page/site/neh/documentlibrary?file=NEOH%20consortium%20list#filter=path%7C%2FConsortium%20list>
- Two new (inclusiveness) countries have joined NEOH with the following people:
 - Lithuania: Dr Jovita Mažeikienė (MC member) and Dr Dalia Jurevičiūtė (MC substitute)
 - Hungary: Dr Andras Lakos (MC member)http://www.cost.eu/COST_Actions/tdp/TD1404?management

This means that we now have 24 COST countries in our NEOH consortium (plus international partner countries, near neighbour countries and specific organisations). You can always find the official list of partner countries and the management committee members on the COST website: http://www.cost.eu/COST_Actions/tdp/TD1404?parties

We have also received a request to join NEOH from Turkey, namely Dr Merve Sibel Güngören, Medical specialist in Medical Biochemistry, Ankara (in progress) and Prof. Dr. Ayşegül Eyigör, Faculty of Veterinary Medicine, Bursa.
- MC observer: We have received a new MC observer request from Kaylee Myhre Errecaborde DVM from the University of Minnesota (request encoded online - in progress)

- **NEOH WG UPDATES:**

- **WG1: HANDBOOK DEVELOPMENT**
 - The draft handbook is available as a pdf for all NEOH members to see, read, apply, and comment on in the WG1 folder on Alfresco
<https://team.swisstph.ch/page/site/neh/documentlibrary?file=Handbook%20draft%20for%20WG2#filter=path%7C%2FWork%2520Group%25201&page=1>
 - Feedback from the case studies is coming in and there will be a structured feedback session at the Malta meeting.
 - Reviewers will be needed – if you are interested in contributing to this task, please get in touch with Simon Ruegg or Jakob Zinsstag.
 - Some chapters will still need some more input over the coming year – if you would like to contribute to a specific chapter or topic, please let Simon or Jakob know so that they can coordinate this.
- **WG2: CASE STUDIES; SURVEY ON ONE HEALTH STATUS IN PARTNER COUNTRIES:**
 - Following the training school in June in Serbia, various One Health evaluation case studies have been implemented. Monthly online meetings are taking place to discuss the progress and provide advice on the case studies if needed. The outcomes / progress will be presented at the Malta meeting, please see the attached programme for details.

The actual list of case studies is as follows:

No.	Case study name	Case study leader(s)
1	Human and canine obesity: One Health Approach	Asta Tvarijonavičiute
2	"Portuguese observatory of taeniasis and cysticercosis". An One Health example for epidemiological surveillance of one neglected disease in an European country.	Manuela Vilhena & Jorge Torgal
3	Eradication of brucellosis in Malta/comparison with case study on eradication of brucellosis in Serbia	Sandra C. Buttigieg (Malta); Sara Savic (Serbia)
4	First report on MRSA recovered from wild boars in the north of Portugal. Omic tools to characterize methicillin resistant <i>Staphylococcus aureus</i> recovered from wild animals: the labile epidemiology of virulence and drug resistance.	Patrícia Poeta
5	UC-Care process evaluation	Liza Rosenbaum Nielsen
6	Use of acaricides to control ticks & tick-borne diseases in zambia: implications in public & environmental health	Daniele De Meneghi (IT), Gabrielle Laing (UK) and Maurizio Aragrande (IT)
7	International One health master program in Western Balkan universities	Joze Staric
8	Zoonotic respiratory disease in the turkey industry - evaluation of the One Health approach	Nicole Borel, Barbara Vogler
9	ComAcross: InterRisk Master	Flavie Goutard
10	ComAcross: long-term study on parasitic food borne diseases in South Lao	Flavie Goutard
11	West Nile virus integrated Surveillance in Northern Italy: impact evaluation	Giulia Paternoster, Laura Tomassone, Marco Tamba, Mario Chiari, Antonio Lavazza, Barbara Vogler
12	Evaluation of an Animal Welfare Center from the One Health Perspective	Miroslav Radeski
13	Evaluation of the implementation of One Health in Kenya using the NEOH One Health framework: A case study of the Zoonotic Disease Unit	Kelvin Momanyi

- WG2 has circulated a questionnaire for a survey that enquires about the One Health status in NEOH countries; NEOH members have been asked to circulate the survey in their countries. **If you have not done that yet, please make an effort to send it to relevant people in your country following the instructions** given by Sara Savic, Daniele de Meneghi and Francesco Chiesa who are leading this and are happy to provide further information. After the Christmas holiday the link will be closed and the data analysed.



Network for Evaluation of One Health



- **WG3: LITERATURE REVIEW**
 - WG3 members are planning a literature review on evaluation of One Health initiatives to include them in a meta-analysis. If you are aware of evaluations of One Health, please get in touch with Vladimir Grosbois and Sandra Buttigieg.
 - A dedicated WG3 meeting will take place over three days in September or October 2017 in Macedonia.
- **WG4: STAKEHOLDER MEETING, LEAFLET and WEBSITE:**
 - Following the Brussels workshop, WG4 members are working on stakeholder engagement to elaborate a plan for dissemination and uptake of the NEOH handbook and its outcomes, this will be discussed in Malta
 - WG4 members are preparing a NEOH leaflet for distribution in different countries.
 - Website: We are planning to create a new page to upload our NEOH publications including posters, short communications, articles, etc.
- **NEXT NEOH MEETING:**
 - The next NEOH meeting will be the MC meeting and Working Group meetings in Malta on the 16th and 17th of January 2017. NEOH members to be re-imbursed have been selected and invited. The programme is finished and registration is open. Our hosts in Malta have established a very good-looking conference website with a lot of practical information and a registration portal: <https://www.um.edu.mt/events/td1404>. **Please don't forget to register!**
- **DISSEMINATION: CONFERENCES AND PUBLICATIONS**
 - The **Frontiers Research Topic on the NEOH case studies** has been formally established; editors are Flavie Goutard, Sandra Buttigieg, and Simon Ruegg. The following sections are mandatory: Introduction, background, discussion, and concluding remarks. Original research articles cost US\$ 1615 to publish. We will discuss NEOH financial support for this topic at the Malta meeting. <http://journal.frontiersin.org/researchtopic/5479/network-for-evaluation-of-one-health-neoh---case-studies>
 - The European **workshop on One Health/Ecohealth** at BESPO in Brussels took place on the 6th and 7th of October 2016 (co-organised by NEOH). It was a great opportunity for networking, learning and enhancing links with the Ecohealth community. Several NEOH members (15 in total) gave active input into various working groups, acted as rapporteurs and gave both oral and poster presentations. The abstracts can be downloaded here: <http://www.biodiversity.be/health/134> and the pictures can be found here: <https://www.flickr.com/photos/133832076@N07/sets/72157673776252522>. Different reports are coming out of this workshop and activities have been initiated to form communities of practice.
We also had one dedicated NEOH session on evaluation, in which the following presentations were given and discussed:
 - Dr Alain Vandersmissen, European External Action Service, *“Historical developments of the One Health Movement since 2005 - Drivers, Opportunities and Challenges”*
 - Dr Abbas Omar, Chatham House, UK *“Infectious Disease Risk Assessment and Management (IDRAM) Initiative”*
 - Dr Simon Ruegg, University of Zürich, and Dr Sara Savic, Scientific Veterinary Institute Novi Sad, [NEOH evaluation framework, evaluating One Healthness](#)



Network for Evaluation of One Health



Details of this particular session are made available on the NEOH website in the tab "workshops".

- An **interview by Barbara Häsler on NEOH** was published in the September edition of the printed magazine of Pan European Networks:
<http://www.paneuropeannetworkspublications.com/ST20/#134>
- The **first International One Health Day** took place on the 3rd November 2016 and was greatly supported by several NEOH members with dedicated seminars, workshops, dissemination activities, etc. Please have a look at the NEOH website for the list of NEOH-related activities <http://neoh.onehealthglobal.net/events-category/international-one-health-day/> and the full list of all global events on the One Health Commission website:
https://www.onehealthcommission.org/en/eventscalendar/one_health_day/events_listing_2016/
- Very many NEOH members attended the **4th International One Health Congress & 6th Biennial Congress of the International Association for Ecology & Health** at the Melbourne Convention and Exhibition Centre, Melbourne Australia from 3 - 7 December 2016 and gave presentations on their work.
 - **Jonathan Rushton** gave a **keynote presentation** on "*Applying economics to a One Health approach*", which was received very enthusiastically.
 - **Eva Haxton, Spela Sinigoj, and Ana Riviere Cinnamond** presented a **poster** at The title was: *Is there a business-case for One Health? The Network for Evaluation of One Health (NEOH) can provide a price tag on One Health work.*

All the conference abstracts can be downloaded here: <http://oeh2016.org/cms/wp-content/uploads/OHEH-Congress-Proceedings-for-2016.pdf>

- John Berezowski, Simon Ruegg and Martin Hitzinger organised/contributed to a ISDS Pre-Conference Training Workshop on *Operationalizing ONE HEALTH Surveillance* in Atlanta on the 6th of December 2016 <http://www.syndromic.org/annual-conference/2016-isds-conference/scientific-program/pre-conference-track-descriptions>
 - Martin Hitzinger applied for an ECI grant to present the talk *Transdisciplinarity: Contributions to One Health Surveillance*.
 - Simon Ruegg gave a presentation on *Introduction to the NEOH framework*.
- Daniele de Meneghi gave a presentation on the 14th of December on One Health approach/OH concept, making reference to NEOH as part of activities of an Erasmus+ teaching staff mobility at Fac. Med. Vet, Agriculture University of Tirana (Albania).
- **Manuscripts:**
 - Simon Ruegg et al (26 authors) re-submitted the manuscript on "*One Health - a necessity for a sustainable 21st century*" – under review
 - Richard Kock, Julie Garnier and Kevin Queenan with co-authors have a manuscript ready on a "*Roadmap to a One Health Agenda 2030*" and are currently looking for a suitable journal for submission.
 - Simon Ruegg et al (8 authors) have put together a short communication entitled "*A One Health perspective to promote health in our changing global environment: Expectations for a new WHO Director General*" – submission to Lancet comment.
 - David Adamson (U o Queensland, Australia) is working on a manuscript on "*Decision Making and One-Health: What can we learn from IPM?*" (Abstract: A key realisation in the development of an economist is that the tools and techniques learnt can generally

be applied to all problems. By extrapolating from that step this paper debates that the economic foundations of one-health are identical to the economics of integrated pest management (IPM). If this argument holds true, then the rules applicable to IPM are equally applicable to One-Health. This linkage of concepts then provides practitioners of One-Health with access to a new source of detailed historical literature identifying both the positives and negatives associated with the adoption, adaptation and evolution of IPM. These findings then may provide One-Health decision makers from stumbling into the same errors as the development of IPM policy).

- Roberto Esposito (Italian Institute of Health) is leading work on a publication on One Health governance.
- Please remember the **COST Guidelines** for the dissemination of COST Action results and outcomes, available at <http://www.cost.eu/media/dissemination-corporate-identity>. COST must **orally be acknowledged during all news media interviews, conferences and events where COST Action representatives give a public presentation or participate to a session or panel. Please make sure that you acknowledge COST when you represent NEOH at conferences!** Concerning scientific publications, the guidelines stress the importance of including the following **standard acknowledgement**: “This article is based upon work from COST Action (name and/or initials), supported by COST (European Cooperation in Science and Technology)”. **Please make sure to add this to your NEOH publications!**
- **NEOH STSMs:**
 - The 7th and 8th call for STSMs have been published <http://neoh.onehealthglobal.net/short-term-scientific-missions/>
 - Our STSMs leader, Liza Rosenbaum, decided to step down from her role and will be replaced by **Prof. Semra Čavaljuga** from the Faculty of Medicine in Sarajevo.
 - STSMs have been completed by
 - Gabrielle Laing (UK) at the University of Bologna (IT)
 - Laura Tomassone (IT) at the University of Zürich (CH)
 - Mijalce Santa (Macedonia) at the University of Oslo (NO)
 - Sabina Šerić-Haračić (BA) at the University of Ljubljana (SL)
 - Barbara Vogler (CH) at the University of Torino (IT)
 - Anaïs Léger (CH) at the University of Copenhagen (DK)
 - Roberto Esposito (Italy) at the National Food Institute, Technical University of Denmark (DK)
 - Sandra Buttigieg (Malta) and Sara Savic (Serbia) at the University of Bologna (IT)
 - All completed and signed off reports are made available on our NEOH website: <http://neoh.onehealthglobal.net/short-term-scientific-missions/>
- **NEWS FROM COST:**
 - Mafalda earlier this shared statistics on the performance of NEOH in terms of gender, inclusiveness country balance, etc. We did well on some indicators, but poorly on the inclusiveness balance. Hence, NEOH members were asked to suggest strategies to address this misbalance and we have made some progress with the following activities:
 - Two more inclusiveness countries have joined our Action
 - One further inclusiveness country is in the process of applying for membership



Network for Evaluation of One Health



- We had three STSMs from members from inclusivenss countries
- Our new STSM leader is from an inclusiveness country: **Prof. Semra Čavaljuga** from the Faculty of Medicine in Sarajevo.

If you have further suggestions to engage inclusivenss countries, please do send them to the NEOH chair.

- The NEOH mid-term report will need to be submitted on the 9th of January. If you have further additions to the report, please do send them to the NEOH chair.
- **NEOH WEBSITE:** Provides all relevant information on NEOH activities, news, events, etc.; professionally and efficiently maintained by **Iona** (iona.edmonstone@gmail.com).
 - **Please don't forget to send your One Health and/or evaluation news to Iona and subscribe to our news section if you haven't done so yet (at the bottom of each NEOH webpage)**

Thank you for reading!