Morning Program

5 April 2018

9:00  Welcome coffee
9:15  Opening by chair Marcel Hammink
      Welcome word by the dean
      Prof.dr Arthur Mol
      Rector Magnificus/vice-president of Wageningen University & Research

Keynotes

9:30  "Tipping Points in Ecosystems and Climate"
      Dr Marten Scheffer
      Professor of Ecology and water quality, Wageningen University

10:30 Global One Health, Animal health perspective
       Dr Jianjun Dai
       Professor of Veterinary Microbiology, College of Veterinary Medicine, Nanjing Agricultural University, China

10:50 Break with coffee & cakes
11:10 Global One Health, Plant health perspective
       Dr Bart Thomma
       Professor, Laboratory of Fytopathology, Wageningen University

       Dr Edward Robert Atwill
       Director of the Western Institute for Food Safety and Security, University of California, Davis, USA

12:00 Discussion
       Moderated by Marcel Hammink
12:30 Lunch
### Afternoon program

**5 April 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Contact Person</th>
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<tr>
<td>13:30</td>
<td>Global One Health research at Nanjing Agricultural University</td>
<td>Dr Yingjuan Qian&lt;br&gt;Professor of Preventive Veterinary Medicine, College of Veterinary Medicine, Nanjing Agricultural University</td>
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<td>13:40</td>
<td>Global One Health research at the University of California, Davis, USA</td>
<td>Dr Bennie Irve Osburn&lt;br&gt;Director Outreach and Training, School of Veterinary Medicine, University of California, Davis, USA</td>
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<td>13:50</td>
<td>Global One Health research at Wageningen University and Research</td>
<td>Dr Marcel Zwietering / Dr Wim van der Poel&lt;br&gt;Coordinators of the Global One Health Theme, Wageningen University and Research</td>
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<td>14:00</td>
<td>Interactive discussion 1</td>
<td>Moderated by Marcel Hammink</td>
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<td>14:45</td>
<td>Break with coffee &amp; other beverages</td>
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15:15  Gastrointestinal functionality – a holistic approach to sustain farm animals’ health  
Dr Ana-Maria Kluenter  
Corporate Scientist, Animal Nutrition & Health DSM, Netherlands

15:30  BIAH needs and current involvements in Global One Health research  
Dr Catherine Charreyre  
R&D External Innovation, Boehringer Ingelheim Animal Health

15:40  Needs for Global One Health research in the near future  
Dr Rolf Bos  
Department of Nutrition, FrieslandCampina Dairy Foods

15:50  Global One Health research, the needs for action  
Francisco Reviriego-Gordejo  
DG Sante, European Commission

16:00  The time for plant based eating is now  
Dr Peter Haring  
Ecosystem Director Foods at Unilever, Unilever Netherlands

16:10  Interactive discussion 2  
Moderated by Marcel Hammink

17:00-18:00  Networking, poster presentations, drinks & snacks

The event is free of charge, but registration is required. Go to www.wur.eu/towards-goh. Scroll down to the Agenda and click on: Symposium Global One Health Research, the Future.
Aim of the symposium Global One Health Research, The Future

Infectious diseases, as well as non-communicable diseases in humans, animals, and plants, are inherent to life on Earth. New diseases continue to emerge throughout the world and since countries are interconnected lowering disease burdens should be a worldwide goal. In a globalizing world with changing life-styles we should consider all kinds of interactions between human health, animal health, plant health, the environment, climate change, food security, social changes, economic development and trade etc., to improve our approach towards preventing diseases. In global one health research we need to combine efforts of multiple research disciplines to improve health of humans, animals and plants within sustainable ecosystems at global level by using an integrated systems approach to come to transnational and global solutions. Internationally many research institutes are active in the field of One Health or Global Health, often working from just a few of the mentioned disciplines.

The aim of this symposium will be to show innovations that can tackle the future needs in global one health research, and improve cooperation between researchers and different stakeholders to make the combined approach work.
Organising committee

**Wageningen University & Research**
- Dr Wim van der Poel
- Dr Marcel Zwietering
- Dr Annemarie Rebel
- Dr Ron Bergevoet
- Dr Pieter van ‘t Veer
- Dr Herman van Roermund
- Annet Blanken

**Nanjing Agricultural University China**
- Dr Yingjuan Qian

**University of California Davis USA**
- Dr Bennie Irve Osburn

Organised by Wageningen University & Research the Netherlands in cooperation with Nanjing Agricultural University China, and University of California Davis USA