Second FAO/OIE/WHO joint scientific consultation on Influenza and other emerging zoonotic diseases at the human-animal interface

Agenda

The theme of this second meeting is "Past Experiences - New Paradigms - For Future Threats," and its goal will be to examine emerging zoonoses, including influenzas, and identify commonalities at the human-animal interface. We hope that the outcome will provide the technical basis for developing or modifying policies and strategies to more effectively prepare for and respond to the next emerging event.

The session topics will include:

- Emergence and characteristics of "high public health impact" influenzas
- Endemic and sporadic zoonotic diseases, and animal-origin agents that have emerged into "high public health impact" zoonoses: what are the commonalities and potential risks?
- Cross cutting issues, main points, conclusions and recommendations
## Monday 26 April

15.00-18.00  Meeting of the Planning committee

## Tuesday 27 April

8.00-9.00  Registration

### SESSION 1: WELCOMES AND MEETING OBJECTIVES/METHODS OF WORK

**Welcomes**

9.00-9.10  Welcome from Italian authorities (Ugo Santucci - from the Italian Ministry of Health)

**Focus on importance of the interface and practical significance of this consultation’s work:**

9.10-9.20  Jan Slingenbergh (FAO)

9.20-9.30  Alex Thiermann (OIE)

9.30-9.40  Liz Mumford (WHO)

**Scope and outcomes of the meeting**

9.40-9.55  Transitions from Verona I (Alex Thiermann)

9.55-10.10  Theme for Verona II (Kate Glynn)

10.10-10.30  Define objectives of the meeting and define methods of work (Dan Normandeau)

10.30-11.00  Coffee

### SESSION 2: CHARACTERISTICS OF EMERGING “HIGH PUBLIC HEALTH IMPACT” INFLUENZAS

**OBJECTIVE:** TO REVIEW VIROLOGICAL AND EPIDEMIOLOGICAL FACTORS INFLUENCING EMERGENCE OF “HPHI” INFLUENZAS AT THE HUMAN-ANIMAL INTERFACE, AND COMPARE AND CONTRAST FACTORS ASSOCIATED WITH EMERGENCE OF H5N1 AND PANDEMIC H1N1

**MODERATORS:** HANS-DIETER KLENK, VINCENT MARTIN

11.00-11.15  Overview of what we learned from H5N1 (Ilaria Capua)

11.15-11.30  Overview of what we learned from H1N1 (Ruben Donis)

11.30-11.45  Other influenzas of concern (Juergen Richt)

11.45-11.55  The flu gene pool (Liz Mumford)

11.55-12.30  Clarification and questions (Dan Normandeau)

12.30-13.45  Lunch

13.45-14.00  Virological characteristics of Public Health concern (David Swayne)

14.00-14.15  Viral factors involved in reassortment and mutation (Richard Webby)

14.15-14.30  Non-virological factors that could influence influenza emergence (Vincent Martin)

14.30-15.00  Clarification and questions (Dan Normandeau)

15.00-15.30  Coffee

15.30-16.45  Panel

16.45-17.00  Wrap up day 1 (Dan Normandeau)

18.00-19.30  Break out groups

20.00  Dinner
Wednesday 28 April

**USING SPECIFIC VIRAL DISEASE SCENARIOS TO EXAMINE DISEASE EMERGENCE GENERALLY**

**OBJECTIVE:** TO BUILD UPON INFLUENZA-BASED DISCUSSIONS FROM DAY 1, AND DRAW CONCLUSIONS ABOUT ISSUES/APPROACHES RELATED TO EMERGENCE AND THE HUMAN-ANIMAL INTERFACE FOR OTHER EMERGING OR POTENTIALLY EMERGING VIRAL DISEASES THAT COULD IMPROVE DETECTION, PREVENTION AND CONTROL OF EMERGENCE

8.30-8.50  
**Summary of day 1 & break out groups (Dan Normandeau)**

8.50-9.00  
**Tasks for today (Dan Normandeau)**

**SESSION 3: ENDEMIC ZOONOTIC DISEASES**
**MODERATORS:** STÉPHANE DE LA ROCQUE, PETER DASZAK

9.00-9.15  
West Nile Fever (WNV) (*Herve Zeller*)

9.15-9.30  
Rift Valley Fever (RVF) (*Pierre Formenty*)

9.30-9.45  
Crimean Congo Haemorrhagic Fever (CCHF) (*Onder Ergonul*)

9.45-10.15  
Clarification and questions (*Dan Normandeau*)

10.15-10.45  
Coffee

10.45-11.30  
Discussion (*Dan Normandeau*)

**SESSION 4: SPORADIC ZOONOTIC DISEASES**
**MODERATORS:** BERNADETTE ABELA, WILLIAM KARESH

11.30-11.45  
Nipah and Hendra Viruses (*John Mackenzie*)

11.45-12.00  
Ebola and Marburg Viruses (*Pierre Rollin*)

12.00-12.15  
Hantavirus (*Heikki Hentonnen*)

12.15-12.45  
Clarification and questions (*Dan Normandeau*)

12.45-13.45  
Lunch

13.45-14.30  
Discussion (*Dan Normandeau*)

**SESSION 5: ANIMAL-ORIGIN AGENTS THAT HAVE EMERGED INTO “HIGH PUBLIC HEALTH IMPACT” ZOONOSES**
**MODERATORS:** JOHN MACKENZIE, JAN SLINGENBERGH

14.30-14.45  
HIV/SIV (*Martine Peeters*)

14.45-15.00  
SARS (*Linfa Wang*)

15.00-15.45  
Discussion-Panel (*Dan Normandeau*)

15.45-16.15  
Coffee

16.15-17.00  
Wrap up day 2 (*Dan Normandeau*)

18.00-19.30  
Break out groups

20.00  
Dinner
Thursday 29 April

**SESSION 6: TECHNICAL IDENTIFICATION OF COMMONALITIES**
OBJECTIVE: TO IDENTIFY THE MOST SALIENT CROSS CUTTING FINDINGS

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.30-9.00</td>
<td>Summary &amp; reports from break out groups</td>
</tr>
<tr>
<td>9.00-9.30</td>
<td>Technical cross cutting issues/ commonalities/risks</td>
</tr>
<tr>
<td>9.30-10.30</td>
<td>Panel</td>
</tr>
<tr>
<td>10.30-11.00</td>
<td>Coffee</td>
</tr>
</tbody>
</table>

**SESSION 7: BRINGING IT TOGETHER**
OBJECTIVE: TO SUMMARIZE THE TECHNICAL INFORMATION AND IDENTIFY KEY POINTS FROM THE MEETING

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.00-12.50</td>
<td>Bringing it together</td>
</tr>
<tr>
<td>12.50-13.00</td>
<td>Closing remarks from Italy (Giuseppe Ippolito)</td>
</tr>
<tr>
<td>13.00</td>
<td>Meeting closure</td>
</tr>
</tbody>
</table>

**SESSION 8: DRAFTING OF SUMMARY AND RECOMMENDATIONS**
FOR THE SCIENTIFIC COMMITTEE AND FACILITATOR

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00-14.00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14.00-15.30</td>
<td>Drafting of conclusions and recommendations</td>
</tr>
<tr>
<td>15.30-16.00</td>
<td>Coffee</td>
</tr>
<tr>
<td>16.00-17.00</td>
<td>Drafting of conclusions and recommendations (continued)</td>
</tr>
<tr>
<td></td>
<td>Develop press release/immediate outputs for wide circulation</td>
</tr>
</tbody>
</table>

---

**PLANNING COMMITTEE**
ILARIA CAPUA, GWENELLE DAUPHIN, KATE GLYNN, LIZ MUMFORD, ALEX THIERMANN

**SCIENTIFIC COMMITTEE**
BERNADETTE ABELA, PETER DASZAK, GWENELLE DAUPHIN, STEPHANE DE LA ROCQUE, PIERRE FORMENTY, KATE GLYNN, WILLIAM KARESH, HANS-DIETER KLENK, JOHN MACKENZIE, VINCENT MARTIN, LIZ MUMFORD, PIERRE ROLLIN, ALEX THIERMANN

**FACILITATOR**
DAN NORMANDEAU