

Severe Influenza: Burden, Pathogenesis and Management

Monday 29th October - Wednesday 31st October 2012, Hanoi



Preliminary Programme

| Monday 29 th October | |
|---------------------------------|--|
| 07.00 onwards | Registration |
| 09.00 - 09.20 | Welcomes by Prof Nguyen Tran Hien (NIHE), Alan Hay (Chair AVG) and John Watson (Chair isirv) |
| 09:20 - 09:40 | <ul style="list-style-type: none"> Special Remarks - <i>Madam Nguyen Thi Kim Tien, Minister of Health, Viet Nam (TBC)</i> |
| 09:40 -10:00 | <p>Symposium Session 1: Burden of Severe Influenza and SARI Chairs: <i>Prof Nguyen Tran Hien and John Watson</i></p> <ul style="list-style-type: none"> Summary from isirv meeting on Influenza Incidence, Severity & Impact 2012 <i>John Watson, UK</i> Keynote Lecture Epidemiology and impact of severe influenza and SARI: Asian perspectives <i>Takeshi Kasai, WHO</i> Overview on influenza vaccines <i>Lance Jennings, New Zealand (TBC)</i> |
| 10.00 -10.30 | |
| 10.30-11:00 | |
| 11.00 -11.30 | Coffee |
| 11.30 -13.30 | <p>Symposium Session 2: Influenza Pathogenesis and Acute Lung Injury Chairs: (TBC)</p> <ul style="list-style-type: none"> Immunopathology of acute lung injury and ARDS <i>Malik Peiris, HK, SAR China</i> Observations from avian H5N1 patients <i>Tran Tinh Hien, Viet Nam</i> Mechanisms of severe pandemic 2009 H1N1 illness <i>Peter Openshaw, UK</i> Host genetic factors in susceptibility and severity <i>Peter Horby, Viet Nam</i> Viral-bacterial interactions: therapeutic implications <i>Jon McCullers, USA (TBC)</i> |
| 13.30 -14.30 | Lunch and Visit to Exhibits |
| 14.30 -16.00 | <p>Concurrent Workshops 1</p> <ol style="list-style-type: none"> Influenza antivirals – effectiveness, safety, novel agents, usage, national policies, guidelines Antiviral resistance- surveillance/monitoring, mechanisms, assay development |
| 16.00 -16.30 | Tea/Coffee |
| 16.30 -18.30 | <p>Demonstrations and Posters</p> <ul style="list-style-type: none"> WHO training materials on SARI management National surveillance platforms in Viet Nam Standard resistant viruses – characteristics and availability Analysis of resistance data – IC₅₀ determination/statistical analyses Databases for collation and sharing of antiviral resistance data - GISAID EpiFlu sequence database |
| 20.00 | Conference Dinner |

| Tuesday 30th October | |
|--|---|
| 08.30 - 08.45 | Reports from Workshops 1a and 1b |
| 08.45 - 10.45 | <p>Symposium Session 3: Advances in Clinical Management Chairs: (TBC)</p> <ul style="list-style-type: none"> • New developments in influenza and respiratory pathogen diagnostics <i>Martin Hibberd, Singapore (TBC)</i> • Influenza antiviral effectiveness in hospitalised patients (including intravenous NAIs) <i>Norio Sugaya, Japan</i> • Detection and management of antiviral resistance emergence <i>Guy Boivin, Canada (TBC)</i> • Adjunctive therapies and immunomodulatory agents in SARI management <i>David Hui, HK, SAR China</i> • Ventilatory strategies, fluid management, and supportive care in ALI/ARDS <i>Steve Webb, Australia (TBC)</i> |
| 10.45 - 11.15 | Coffee |
| 11.15 - 12.45 | <p>Concurrent Workshops 2</p> <ol style="list-style-type: none"> a. SARI pathogenesis and treatment - receptors, host responses, host-directed therapies, biologic response modifiers b. Severe Influenza and SARI epidemiology: impact, surveillance, healthcare utilization, vaccines |
| 12.45 - 14.00 | Lunch and visit to Exhibits |
| 14.00 - 16.00 | <p>Symposium Session 4: Meeting Clinical Challenges Chairs: (TBC)</p> <ul style="list-style-type: none"> • Influenza encephalopathy and related neuropsychiatric syndromes <i>Masashi Mizuguchi, Japan</i> • Severe influenza in pregnancy: mechanisms and management <i>May Li Lim, Singapore</i> • Influenza prevention and treatment in transplant recipients and immunocompromised hosts <i>Michael Boeckh, USA (TBC)</i> • Antiviral studies and viral fitness in animal models of influenza <i>Yoshi Kawaoka, Japan (TBC)</i> • Advances in antivirals for non-influenza respiratory viruses <i>Michael Ison, USA</i> |
| 16.00 - 17.00 | isirv-AVG Annual General Meeting |
| 17.00 -19.00 | Poster Reception |

| Wednesday 31st October | |
|--|--|
| 08.30 - 08.45 | Reports from Workshops 2a and 2b |
| 08.45 - 10.15 | <p>Concurrent Workshops 3</p> <p>a. Clinical issues – unusual syndromes, diagnostics, ventilatory strategies, clinical management, healthcare worker protection</p> <p>b. Consequences of antiviral resistance mutations, fitness, animal models</p> |
| 10.15 - 10.45 | Coffee |
| 10.45 - 11.00 | Reports from Workshops 3a and 3b |
| 11.00 - 13.00 | <p>Symposium Session 5: Future Directions Chairs: <i>Alan Hay & Tran Tinh Hien</i></p> <ul style="list-style-type: none"> • Influenza antiviral resistance: can we predict what's next? <i>Jesse Bloom, USA (TBC)</i> • Antivirals in 2009 Pandemic- lessons and implications for future strategies <i>Jonathan Van Tam, UK</i> • Antiviral combinations and biotherapeutics for influenza <i>Menno de Jong, The Netherlands</i> • New research paradigms in response to emerging infectious threats: ISARIC, SEAICRN, GHN eHub <i>Jeremy Farrar, Viet Nam</i> • Panel discussion: future research needs <i>Nikki Shindo (Switzerland), Frederick Hayden (USA) and speakers (TBC)</i> |
| 13.00 - 13.15 | Conclusions and close of meeting |
| 13.15 - 14:00 | Lunch |
| 14:30 | Tour of NIHE |