

Mitigating Emerging Infection Challenges for Public Security and Justice
Universidad Nacional Autónoma de México, Mexico City
9th – 13th of January 2018*

**Please note that this event was originally planned for November 2017, but was postponed in light of the recent earthquake in Mexico.*

NOTES

(1) A free simultaneous translation service will be available

(2) Items on a blue background are part of the antimicrobial resistance diagnostics challenge (AMR DxC) workshop

(3) This is a draft programme and remains subject to change

DAY 1: Tuesday, 9th January 2018

08:00	Registration
09:00	Opening Ceremony
09:30	Introduction to the Newton Programme
09:45	Session 1 <i>The burden of emerging and re-emerging infectious disease (burden; health inequalities; mortality, morbidity and co-morbidities)</i> Chair: TBC
09:45	Emerging and re-emerging infections Prof Sue Welburn, The University of Edinburgh, UK
10:15	La carga global de las enfermedades emergente y reemergentes Dr Rafael Lozano Ascencio
10:45	Break
11:00	Panorama epidemiológico de las enfermedades emergentes y reemergentes Dr C Ruiz Matus
11:30	Co-morbilidad Dra Patricia Volrow Fdez
12:00	<i>Panel Discussion</i>
12:30	Lunch / Exhibition and Discussion of Posters
14:00	Session 2 <i>Health Policy in management of emerging infectious diseases (social and economic factors, inequality; Public Health and responsibility of the state)</i> Chair: TBC
14:00	Social and economic factors that impact on the appearance of emerging diseases Dr Pablo Kuri Morales
14:30	Marginación urbana y otras limitaciones metodológicas en el epidemiológico de la coccidioimiosis en Sonora Mex Dr Gerardo Alvarez Hernandez
15:00	<i>Candidiasis aspergillosis, Hialohifomycosis and Phaeohifomycosis - intrahospital invasive fungal infections in UK</i> Prof David Denning
15:30	Break

- 16:00 Health policies about emerging infectious diseases
Den C Jose Angel Diaz Qunones
- 16:30 Intellectual property and legislation for emerging diseases
Dr Samuel N Ponce de Leon
- 17:00 *Panel Discussion*
- 18:00** *Session 3 Public Engagement Lecture (s) - Infectious Disease the Burden and Responsibility we share - Speaker on ID and Ancient Civilisations and/or Dr Ceballos*
- 18:00 Open to Public followed by Panel Discussions in Question time format
- TBC** *Reception and Conference Dinner*

DAY 2: Wednesday, 10th January 2018

- 09:00** *Session 4 The burden of emerging and re-emerging infectious diseases (diseases specific)*
Chair: TBC
- 09:00 Diagnosis and research in fungal infections at UK
Dr Jorge Tova-Torres
- 09:30 Toxoplasmosis en pacientes inmunocoproment dos y toxoplasmosis congenita
Dr Dolores Correa Beltran
- 10:00 CHIKV and ZIKV
Dr Hector Vovanco Cld
- 10:30 Cisticercosis
Dra Ana Flisser
- 11:00** **Break**
- 11:15 Lesihmasiasis cutanea
Dra Ingeborg Becker Fauser
- 11:45 Plasmodium/Malaria in Mexcio
Dra Lilia Gonzalez Ceron
- 12:15 Enfermadad de Chagas
Dr Paz Maria Salazar S
- 12:45 *Panel Discussion*
- 13:00** *Lunch / Exhibition and Discussion of Posters*
- 14:00** *Session 5 Prevention of emerging and re-emerging infections (AMRDxC workshop 1)*
- 14:00 Setting the scene for AMR diagnostics - The global challenge of AMR
Dr Till Bachmann
- 14:30 Molecular epidemiology and diagnosis
Dra Bertha Espinosa
- 15:00 AMRDxC Introduction -
Dr Till Bachman
- 15:15 Speed networking for Participants

15:45	Break
16:00	Project discussion kick off
16:30	Brainstorming - <i>What are the challenges for diagnostics to reduce AMR?</i>
	Dinner
	After dinner - Work on projects

DAY 3: Thursday, 11th January 2018

09:00	Session 6 <i>Predicting and prevention of emerging infections (impacts of environmental change; epidemiological surveillance)</i>
	Chair: TBC
09:00	RHOVE (Myx UK) Dra Mg Eugenia Jimena Corona
09:30	Vacuna contra VPH en ninas de la Cd Mexico Dr Malaquias Lopez Ceruantes
10:00	"Malaria" Dr Mario Henry Rodriguez Leon
10:30	Break
10:45	Strategies for control and surveillance of vector-borne diseases in Mexico Dr Mario Henry Rodriguez Lopez
11:15	Epidemiologias de las enfermedades transmisibles por vector Dr Jorge Mendez
11:45	One Health approaches for control for vector-borne disease control Prof Sue Welburn
12:15	<i>Panel Discussion</i>
12:45	Lunch / Exhibition and Discussion of Posters
14:00	Session 7 <i>Prevention of emerging and re-emerging infections (AMRDxC workshop 2) - Infection toolbox - Diagnostics, therapeutics, and vaccines (diagnostics for a new microbial age)</i>
	Chair: Dr Till Bachmann
14:00	Diagnostic Development Talk (How to, example, pathway to impact)
14:30	Clinical unmet need, problematic of AMR, clinical examples for use of diagnostics
15:00	Project selection and development
16:00	Break
16:15	Feedback from mentors on project selection
18:00	Dinner
	After dinner - Work on projects

DAY 4: Friday, 12th January 2018

- 09:00** *Session 9* **Control of emerging infections in hospital and communities (evolving microbial threat; burden of nosocomial and community acquired infections; evolution of multidrug resistant pathogens)**
Chair: Dr Liz Grant
- 09:00 Nosocomial and community acquired diseases and their prevention
Dra Diana Vila Compte
- 09:30 Application of monitoring methods for invasive mycoses in UK
Dr Improung
- 10:00 Outcome of invasive fungal diseases in a prolonged stay in the intensive care units
Prof David Denning
- 10:30 *Panel Discussion*
- 11:00** Break
- 11:15** *Session 10* **AMR and health landscape (AMR control; high risk group case management)**
Chair: TBC
- 11:15 Molecular and structural mechanisms of resistance to antibiotics in psuedomonas, klebsiella and acinetobacter causing nosocomial infection
Dra Patricia Lozano Zarain
- 11:45 CHIV-drug resistance in Mexico and the mesoamerican region: Impact on the effectiveness of first-line antiretroviral therapy
Dr Santiago Auila Rios
- 12:15 *Panel Discussion*
- 12:45 **Lunch/Exhibition and Discussion of Posters**
- 14:00** *Session 11* **Prevention of emerging and re-emerging infections (AMR DxC Workshop 3) - Infection toolbox - Diagnostics, therapeutics, and vaccines - diagnostics for a new microbial age**
Chair: TBC
- 14:00 Project development
- 16:00** **Break**
- 16:30 Project development and preparation for presentation
- 18:00** **Reception and Dinner**
After Dinner - Work on projects/presentation rehearsals

DAY 5: Saturday, 13th January 2018

- 09:00** *Session 12* **Presentation of group work from AMR DxC activity**
Chair: Till Bachmann
- 09:00 Group 1
- 09:20 Group 2
- 09:40 Group 3
- 10:00 Group 4
- 10:20 Group 5

10:40

Group 6

11:00

Break and Judging of presentations - panel will include individuals from Newton, CONACYT, WAM and PIs below

12:00

Presentation of prizes from AMR DxC activity

Lunch

14:00

Session 13 **Extending research collaborations between UK and Mexico**

14:00

Presentation: Consejo Brimnico - Newton Fund

14:15

Presentation: Propiedad Intelectual

14:30

Presentation: CONACYT

14:45

Presentation: Internalizacion WAM

15:45

Panel Q and A session

15:00

Session 14 **Summary of meeting and next steps**