

NEED TO KNOW

Online registration via www.onehealthcongress.com

Online abstract submission deadline 15 February 2018

www.onehealthcongress.com

If you have any questions about the 5th International One Health Congress, please contact:

semiotics



CHRIS VANLANGENDONCK

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Director of Semiotics, experts in science communication

Member of the IOHC 2018 Organizing Committee

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organized by



DISCOVER CANADA

ABOUT SASKATOON

The city of Saskatoon is favourably positioned with the South Saskatchewan River winding through it. Eight bridges span its gentle flow, linking east to west. An active city, residents and visitors alike flock to the Meewasin Valley trails, traversing sixty kilometres of pathways in all seasons. The city's youthful vitality and cultural richness are evident in every neighbourhood, thanks in part to the University of Saskatchewan, where leading-edge technology such as the Canadian Light Source synchrotron draws the best minds from around the world.

The Farewell Dinner will specifically appeal to all art lovers attending the Congress, as it will be held in the Remai Modern Museum which has just opened its doors to the public in October 2017. This brand-new museum of modern and contemporary art offers a unique perspective on art and culture in the 21st century and houses the most comprehensive collection of linocuts by Pablo Picasso (1881-1973).



THE VENUE

TCU Place

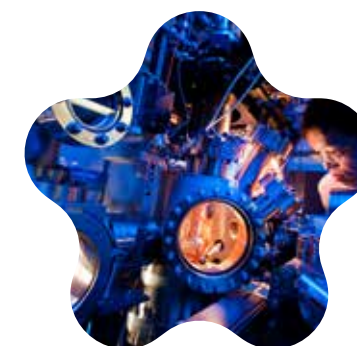
35 22nd Street East

SK S7K 0C8

Saskatoon, Canada

tcuplace.com

Situated in beautiful downtown Saskatoon, TCU Place, Saskatoon's Arts & Convention Centre is considered one of the best conference facilities in western Canada.



THE 5TH INTERNATIONAL

one health CONGRESS

Saskatoon
CANADA 22-25 June
2018

OHS
ONE HEALTH
SCIENCE

AMR
ANTIMICROBIAL
AGENTS AND
RESISTANCE

SPI
SCIENCE
POLICY
INTERFACE

The 5th International One Health Congress is the world's premier conference for the worldwide One Health community. Join the congress organizers, Prof. Ab Osterhaus and Prof. John Mackenzie, and One Health advocates from all over the globe in Saskatoon for four days of lectures, debates, workshops and symposia.

www.onehealthcongress.com

WHY SHOULD YOU ATTEND?

- ✓ **Keynote lectures by**
 - **MICHAEL RYAN** - World Health Organization
 - **THERESA TAM** - Public Health Agency of Canada
 - **MARK FEINBERG** - International AIDS vaccine initiative
 - **GIUSEPPE CORNAGLIA** - University of Verona, Italy
- ✓ **28 DIFFERENT SESSIONS** to choose from
- ✓ **Keep track of the latest data and insights on**
 - **One Health Science**
 - *zoonoses*
 - *climate change*
 - *food and water safety*
 - **Antimicrobial Resistance**
 - **Science Policy Interface**
- ✓ **Separate symposia on**
 - **CHRONIC WASTING DISEASE (CWD)**
 - **NEGLECTED ZOONOTIC DISEASES** in underserved communities
 - The impact of **VACCINATION** on the reduction of **ANTIBIOTIC RESISTANCE**
 - **EMERGING AND RE-EMERGING INFECTIOUS DISEASES:** assessment, preparedness and eradication
- ✓ **Unique opportunity to meet and discuss with the world's leading One Health experts**
- ✓ **Be inspired with new ideas and fresh perspectives and join us in helping to improve the health of humans, animals and the environment**
- ✓ **Seize your chance to discover the most amazing places of beautiful Saskatchewan**



Prof. Ab Osterhaus
One Health Platform



Prof. John Mackenzie
One Health Platform



Prof. Karen Chad
University of Saskatchewan

CO-CHAIRS 5TH INTERNATIONAL ONE HEALTH CONGRESS



CALL FOR ABSTRACTS

- ✓ Abstracts for the One Health Science track of the 5th International One Health Congress can be submitted through the congress website at www.onehealthcongress.com.
- ✓ Guidelines and the abstract submission tool are available online. Be sure to submit your abstract by the deadline of 15 February 2018.

Recent global disease events, like the outbreaks of Ebola, MERS and Zika, have underpinned the increasing impact of zoonotic diseases on human and animal health.

It has also become clear that changes in the environment, like population growth and climate change, are drivers for the emergence of such zoonoses. The 5th International One Health Congress will therefore carefully evaluate the most imminent potential hazards from various perspectives.

Pathogen discovery

CHAIR: **LINFANG WANG**,
DUKE-NUS MEDICAL SCHOOL,
SINGAPORE

Surveillance and early detection

CHAIR: **AB OSTERHAUS**,
RIZ HANNOVER, GERMANY

Diagnostics

CHAIR: **MARTYN JEGGO**,
GEELONG CENTRE FOR EMERGING
INFECTIOUS DISEASES, AUSTRALIA

Intervention strategies

CHAIR: **SARAH CLEAVELAND**,
UNIVERSITY OF GLASGOW, UK

Social science and politics

CHAIR: **JONATHAN RUSHTON**,
UNIVERSITY OF LIVERPOOL, UK

Pathogenesis 1

CHAIR: **MARIETJIE VENTER**,
UNIVERSITY OF PRETORIA, SA

Pathogenesis 2

CHAIR: **MALIK PEIRIS**,
UNIVERSITY OF HONGKONG

Drivers for emerging diseases 1

CHAIR: **RITA COLWELL**,
JOHNS HOPKINS UNIVERSITY BLOOMBERG
SCHOOL OF PUBLIC HEALTH, USA

Drivers for emerging diseases 2

CHAIR: **PETER DASZAK**,
ECOHEALTH ALLIANCE

One Health in underprivileged communities

CHAIR: **MARK RWEYEMAMU**,
THE SOUTHERN AFRICAN CENTRE
FOR INFECTIOUS DISEASES AND
SURVEILLANCE (SACIDS)

Vaccines 1

CHAIR: **GEORGE GAO**,
CDC CHINA

Vaccines 2

CHAIR: **LORNE BABIUK**,
UNIVERSITY OF ALBERTA, CANADA

Infectious diseases from an ecohealth perspective 1

CHAIR: **CRAIG STEPHEN**,
UNIVERSITY OF SASKATCHEWAN, CANADA

Infectious diseases from an ecohealth perspective 2

CHAIR: **JONNA MAZET**,
UC DAVIS, USA



CALL FOR ABSTRACTS

- ✓ Abstracts for the Antimicrobial Agents and Resistance track of the 5th International One Health Congress can be submitted through the congress website at www.onehealthcongress.com.
- ✓ Guidelines and the abstract submission tool are available online. Be sure to submit your abstract by the deadline of 15 February 2018.

In September 2016, the World Health Organization officially stated that “antimicrobial resistance is a global societal challenge and threat”.

Antimicrobial resistance had emerged as a health issue in the last decades, but only in the last couple of years has there been an understanding that we are facing a post-antibiotic era, in which common infections and minor injuries, which have been treatable for decades, can once again kill. Misuse and overuse in high levels of antibiotics in both human health and agriculture are at the basis of the emergence of AMR. Whilst raising awareness of AMR is an important issue, new antibiotics urgently need to be developed. The organizers of the 5th International One Health Congress share WHO's concern and will investigate pathways to overcome the challenges posed upon us by AMR in a separate programme track. In seven sessions, world experts will elaborate on the use of antibiotics and the surge in antimicrobial resistance in food animals and humans, and scan the horizon for new antibiotics and antivirals.

Use of antibiotics in human and animals, in food and agriculture and the link to AMR and environmental impact

CHAIR: **JORGEN SCHLUNDT**,
NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE

Genomic epidemiology / evolution of AMR transmission

CHAIR: **ROBERT SKOV**,
STATENS SERUM INSTITUT, DENMARK

Real life applications of whole genome sequencing

CHAIR: **SURBHI MALHOTRA-KUMAR**,
UNIVERSITY OF ANTWERP, BELGIUM

Prevalence and surveillance of resistance

CHAIR: **GERARD WRIGHT**,
M.G. DEGROOTE INSTITUTE FOR INFECTIOUS
DISEASE RESEARCH, CANADA

Novel strategies for AMR interventions / preparedness

CHAIR: **LAURA H. KAHN**,
PRINCETON UNIVERSITY, USA

Alternative approaches to tackling resistant infections

CHAIR: **BRITTA LASSMAN**,
INTERNATIONAL SOCIETY FOR INFECTIOUS DISEASES

Rapid diagnostics

CHAIR: **RAFAEL CANTON**,
UNIVERSITY HOSPITAL OF MADRID, SPAIN



CALL FOR PRESENTATIONS

- ✓ Presentation proposals for the Science Policy Interface programme can be submitted until 15 February 2018.
- ✓ To submit your proposal, you need to fill in the Presentation Proposal Form. Download the form from the congress website: www.onehealthcongress.com

The Science Policy Interface (SPI) reflects our strong belief in the need for a dialogue between the scientific and policy-making communities. Interaction and exchange are necessary to ensure the effective role of science in public policy making and to enhance the accessibility of scientific knowledge for policy makers. It is of utmost importance that international institutions and government agencies, NGO's and other organisations share their scientific and/or policy knowledge, practise and expertise in the One Health arena. This programme track therefore aims to bring together science and policy, to share knowledge and expertise and to stir the debate about solutions in order to address major One Health issues.

The audience of the SPI programme generally does not have a scientific background. Presentation proposals for this track should therefore be tailored for a non-scientific audience. They are also expected to bridge science and policy and to be triggers for debate.

The impact of zoonotic diseases - why should One Health be of importance to policy makers? Lessons learnt from One Health crises

CHAIR: **JOHN MACKENZIE**, CURTIN UNIVERSITY, AUSTRALIA

Addressing zoonotic diseases at the animal-human-ecosystem interface. What are the threats? How to be prepared?

CHAIR: **AB OSTERHAUS**, RIZ HANNOVER, GERMANY

The drivers of emerging zoonotic diseases

CHAIR: **MOIRA MCKINNON**, MEDICAL PRACTITIONER, CANBERRA, AUSTRALIA.

Resistance to antibiotics and antivirals: challenges for policy makers and scientists

CHAIR: **LAURA H. KAHN**, PRINCETON UNIVERSITY, USA

One Health and Global Health Security - disaster risk reduction

CHAIR: **BILL KARESH**, ECOHEALTH ALLIANCE

Making One Health operational: the barriers to change and glimmers of hope

CHAIR: **ROBERT SALERNO**, USAID

One Health in underserved, resource-poor and marginalized communities / funding needs and funding mechanisms / funding policies for One Health

CHAIR: **MARIETJIE VENTER**, UNIVERSITY OF PRETORIA, SA