



Infection Control and Innovation 2017

- Bringing Infection Control Safely to the Future

October 11th 2017 In Odense, Denmark

Infection control in hospitals is an area in continuous development. Innovative hospital constructions and technology developments are bringing in new possibilities for infection control but also pose new challenges in the field.

The conference takes a look at some of the challenges modern hospitals face:
How do we best keep hospital wards and patient rooms clean and safe – and create smooth processes for room disinfection and patient turnover?

With more and more processes becoming digital, how can we keep patients and data safe? Could a hacker control ventilation systems from an isolation ward? And what about the many wearable technologies entering the hospitals - how do we keep them clean and the data safe?

On a global scale there's a rising problem with microbiotic resistance caused by overuse of antibiotics – can new technologies such as rapid diagnostic equipment and genome sequencing make a difference in this important area?



The conference is part of WHINN – “Week of Health and INNOvation”, a health technology and innovation festival in Odense from October 10th to October 12th 2017.

WHINN 2017 consists of over 20 activities; conferences, debates, workshops, a large industry exhibition, “open house” events at local companies and healthcare organisations, networking events, a professional match-making event for public and private companies, and the large WHINN DINNER on Tuesday the 10th of October.

Read more here: www.whinn.dk

Programme

The conference is comprised of a number of sessions and keynotes around the following topics:

- probiotics and non-toxic room disinfection
- multiresistant bacteria and technology aimed at relieving the problem (e.g. rapid diagnostics and POCT equipment)
- wearable technology and security in “digital healthcare”

The conference will present the latest knowledge within these areas and give room for discussion and networking between peers.

Speakers include Dr Charles Alessi, Senior Adviser and director of antibiotic prescribing for Public Health England and The Antimicrobial Resistance Initiative, genome sequencing researchers, the Dutch farmer who eliminated MRSA in his farm using probiotics, as well as international digital health and cybersecurity experts.

Target Audience

The conference creates a forum for people with different backgrounds to create fruitful synergies. The delegates will be people who work in the field of infection control, from scientists and researchers to infection control specialists in hospitals, but will also be IT developers and vendors from the industry.

The conference is organised by Odense University Hospital in a collaboration between the Department of Clinical Microbiology and the Centre for Innovative Medical Technology.

Price: 1200 DKK (approx. 160 €)

See the full programme and register here:

<http://cimt.dk/innovatinginfectioncontrol2017>

OUH
Odense
University Hospital
Svendborg Hospital

Region of
Southern Denmark



9.00 | Conference Opening

Welcome to Odense - The Danish capital for health innovation

Peder Jest, CMO, Odense University Hospital, Chairman of Infection Control Forum, Region of Southern Denmark

Setting the scene for today's program

Moderator Hans Jørn Kolmos, Professor, Dept. of Clinical Microbiology, Odense University Hospital

9.20 | Non-toxic room disinfection – how close is it to becoming a reality in Danish hospitals? Probiotics from a practical point of view.

An overview of current available solutions and their differences

Dorte Lyager, ProbioCare Denmark

Learning from other sectors – How probiotics changed every day routines and got rid of MRSA on a pig farm

Kor Mast, Owner of OneHealth BV, the Netherlands

National considerations regarding probiotics – is Denmark ready for a paradigm shift?

Elsebeth Tvenstrup, Danish Serum Institute (National agency for infectious disease prevention)

11.00 | Coffee Break

11.30 | Multiresistant bacteria, Part 1: What is the situation globally and why is there a need to think differently to reduce the use of patient isolation and antibiotics?

Worldwide perspective on multiresistant bacteria and what's been done to combat this global phenomenon

Dr. Charles Alessi, UK, Senior Adviser to Public Health England and Director of Antibiotic Prescribing for Public Health England as part of the Antimicrobial Resistance Initiative

12.15 | Lunch and exhibition floor time

13.15 | Multiresistant bacteria, part 2: How can innovative thinking help oppose this global phenomenon and can rapid diagnostic solutions (POCT devices, advanced analytics tools and innovative logistics) play a part?

Pros and cons in rapid diagnostic tools such as point-of-care-technology and on-the-spot analyses - Can they be a way to reduce patient isolation and infection dispersion?

Marianne N. Skov, Chief Molecular Biologist, Dept. of Clinical Microbiology, Odense University Hospital

A new method for on-the-spot diagnosis of infections

Fatima AlZahra'a Alatraktchi, PhD student, Technical University of Denmark

Whole genome sequencing - what's the potential for diagnostic processes? And will it change the way we deal with outbreak prevention and containment?

Michael Kemp, Professor, Chief Physician, Dept. of Clinical Microbiology, Odense University Hospital

Innovative idea to reduce the diagnostic timeframe: Using drones to fly samples from hospital units to the lab

Christian Tvede, Innovation consultant, Odense University Hospital

14.45 | Coffee Break

15.15 | Getting your message out there - to patients, employees and everyone else. A look into (digital) communication in the future

Bogi Eliassen, Health Futurist, Associated Partner, Copenhagen Institute for Futures Studies

15.45 | Cybersecurity in Smart Hospitals - How vulnerable are we?

The session will give insight into the realities of modern digital hospitals and how they must think to keep both patients and patient information safe

Dimitra Liveri, Expert in Network and Information Security, European Union Agency for Network and Information Security (ENISA)

16.15 | Wearable technology in healthcare - what's on the horizon for patients and staff?

Alexandros Giannakis, Digital Connected Health Lead for Europe, Africa, Latin America and the Middle East, Accenture Consulting - This session is organized in collaboration with Accenture Denmark

16.45 | Summary of the day and last questions