

## W27

### **Antibiotic resistance - a need for antibiotic stewardship and a European GP-network on antibiotic resistance?**

Ana Costa(1), Kasper Lorenz, Johansen(2), Christina Svanholm (2), Masja Loogman(3)

(1) AlphaMouro Health Centre, ACES Sintra, Portugal

(2) FYAM - Danish Society of Young Primary Care Doctors, Copenhagen, Denmark

(3) Dutch College of General Practitioners, Department of Guideline Development & Research, Utrecht, The Netherlands

*Corresponding author: Mrs Masja Loogman, Dutch College of General Practitioners, Department of Guideline Development & Research, Utrecht, The Netherlands. E-mail: m.loogman@nhg.org*

**Background:** In 2014, the World Health Organization published their first global report on antibiotic resistance, predicting the coming of the “post antibiotic era” unless serious measures were taken to halt the emerging resistance patterns throughout Europe and the rest of the world.

Superbugs threaten to relegate us to our prior vulnerable state, where people died of mundane infections.

Given this imminent public health threat, there is an imperative to promote more appropriate antibiotic use among doctors, especially GPs, who prescribe most of the antibiotics used.

**Aim:** The aim of this workshop is to raise awareness on this topic and to exchange and discuss the initiatives to combat antibiotic resistance in European countries. We hope to create a European network between GP-trainees, First Fives and General Practitioners with an interest in the different aspects regarding the emerging resistance to antibiotics.

This workshop will address the following topics:

- What is the scale of the antibiotic resistance in different countries?
- What happens in different countries to manage this problem?
- Are guidelines on antibiotic stewardship and infection prevention available?
- What strategies are needed to improve prescribing behavior of antibiotics? What is meant by antibiotic stewardship?
- What other strategies are needed to combat this problem?

#### **Methods:**

- Introduction and presentation of the most important topics of antibiotic resistance
- A short questionnaire about the main topics of antibiotic use and antibiotic resistance
- Discussion in small groups on the results of the questionnaire (importance of the topics, facilitators and barriers of implementation)
- Plenary feedback and discussion
- Announcement of an European network

#### **Results:**

The participating GPs are aware of the scale of the problem of antibiotic resistance in their own and other European countries and they acknowledge the importance of reducing antibiotic use.

GPs gain more knowledge about the ‘ins and outs’ of antimicrobial stewardship.

GPs have ideas how their activities could be supported (e.g. participating in a European network, data management, audit and feedback, collaboration with patients, other healthcare professionals).

**Conclusions:** This workshop will discuss potential solutions to combat antibiotic resistance on a national and international level in daily practice.