



III Workshop "Biosafety: design, construction and decontamination of biocontainment laboratories"

Date: 8 November 2013

Location: Auditorium, INSA, Avenida Padre Cruz, 1649-016 Lisboa

Summary: With the increasing number of biosafety level 3 (BSL-3) laboratories, and a resulting increased of technicians that need to work in this kind of laboratories, it has been mandatory the implementation and standardization of work rules to minimize the biological risk associated with this activity.

Since 2011 the National Institute of Health Dr. Ricardo Jorge (INSA), through the Emergency Response and Biopreparedness Unit (UREB) from Infectious Diseases Department, annually promotes Workshops on Biosafety directed primarily to users of BSL-3 laboratories. The main objective of these meetings is to share and disseminate knowledge and experience in Biosafety, contributing to the implementation of a laboratorial policy on Biosafety in Portugal.

This year is no exception, the III Workshop "Biosafety: design, construction and decontamination of biocontainment laboratories" will emphasis on the design, construction and decontamination of biological containment laboratories and is directed to technicians and researchers who daily contact with biological risk associated with microorganisms handling, as well as technicians and engineers who are involved in the construction and maintenance of biocontainment laboratories. However, any healthcare professional who is connected to the branch of Microbiology and or Health and Safety at Work will be interested in participating.

Unlike what happened in previous years, the official language of the Workshop will be English, since we will have the participation of renowned international experts: a consultant of the World Health Organization and a member of the European Biosafety Association.

Programme: 08h45 Registration

09h15 **OPENING SESSION**

Biological risks: what can we do?
Sofia Nuncio, INSA, Portugal

PANEL I: THE ARCHITECTURE OF BIOSAFETY

09h30 Design, construction and verifying BSL-3 performance.
Ken Ugwu, Foreign Affairs and International Trade, Canada

10h15 Facility maintenance strategies and performance indicators – What do we measure and why?
Vibeke Halkjaer-Knudsen, Sandia National Laboratories, USA

11h00 **Coffee break**



- 11h15** National Biosafety Legislation and Workers Protection.
José Carlos Roseiro, Laboratório Nacional de Energia e Geologia, Portugal
- 12h00** **DISCUSSION.** Moderated by: *Miguel Prudêncio, Instituto de Medicina Molecular, Portugal*
- 12h15** **Lunch**
- PANEL II: FUNDAMENTALS OF LABORATORY DECONTAMINATION**
- 13h30** HEPA filters - What are they, why and how do they work?
Vibeke Halkjaer-Knudsen, Sandia National Laboratories, USA
- 14h15** Microbiological safety cabinets: protective functions, their limits and proper decontamination.
Ken Ugwu, Foreign Affairs and International Trade, Canada
- 15h30** **Coffee break**
- 15h45** Waste management for biocontainment labs.
Joana Correia, Instituto Biologia Molecular Celular, Portugal
- 16h30** **DISCUSSION.** Moderated by: *Miguel Viveiros, Instituto de Higiene e Medicina Tropical, Portugal*
- PANEL III: USER'S PERSPECTIVE**
- 16h45** **OPEN DEBATE.** Moderated by: *Sofia Núncio, INSA, Portugal*
- 17h30** **CLOSING SESSION**
Sofia Núncio, INSA, Portugal

Duration: 8 hours

Registration fee: 50€ (25€ for students; 10% discount for members of ANBIOQ and APTAC; two free registrations for each Institution of Lab-PTBioNet).
The registration fee includes documentation and coffee breaks.
Entries are limited to 120 participants.

Registration deadline: 25 October

In association with:

Rede Laboratorial
Portuguesa de
Biossegurança

