

# BSL3 training course 28.05.08-29.05.08

Fly in Monday

Fly-out Wednesday evening /Thursday morning

**Institute of Virology**

**Bereich Humanmedizin Georg-August-Universität, Göttingen, Germany**

Tuesday 27.05.08
09.00 Lectures
Hazard Criteria and Categorisation of Microbes (Nigel Silman)
BSL3 Lab Technical specifications (Frank Hufert)
Protective Gear (includes 15min movie on laminar flow cabinets) (Nigel Silman / Manfred Weidmann)
Efficacy of Inactivation Procedures (Patrick Butaye)
12.00 lunch
13.00-17.00 Practical (supervisors: Patrick Butaye, Manfred Weidmann, Frank Hufert, Nigel Silman, Mandy Elschner)
Practical Moving in and out of a BSL3 (includes hand washing)
Dexterity at the Laminar Flow Cabinet (mock dilution series of intensely coloured solutions in protective gear)
Inactivation of virus cell cultures test series setup
Cultivation/Inactivation of spore forming Bacteria

Wednesday 28.05.08
09.00 Lectures
BSL 4 Labs technical specifications, BSL4 Labs in Europe (Ali Mirazimi)
Learning from a history of lab accidents. (Manfred Weidmann)
Shipping BSL3 and BSL4 organisms /IATA regulations UN regulations (Mandy Elschner)
12.00 lunch
13.00-17.00 Practical (supervisors: Patrick Butaye, Manfred Weidmann, Frank Hufert, Nigel Silman, Mandy Elschner)
Handling positive pressure masks
Dexterity at the Laminar Flow Cabinet (mock dilution series of intensely coloured solutions, wearing positive pressure masks)
Inactivation of virus cell cultures test series
Cultivation/Inactivation of spore forming Bacteria

Thursday 29.05.08
09.00 Lectures
Handling samples that arrive for diagnostic testing (Mandy Elschner / Nigel Silmann)
Bridging the gap between requirements of bio-containment and diagnostics (Manfred Weidmann)
Waste Management (Patrick Butaye)
Fumigation (Theory and Practices) (Nigel Silman)
12.00 lunch
13.00-17.00 Practical (supervisors: Patrick Butaye, Manfred Weidmann, Frank Hufert, Nigel Silman, Mandy Elschner)
Inactivation of virus cell cultures test series read out
Cultivation/Inactivation of spore forming Bacteria read out