

**A-PBA BIOSAFETY TRAINING 2011 (28Nov-3Dec 2011)
Program**

28-29 Nov 2011 (Mon-Tues) Biosafety Principles and Practices (2 days)		
Dates	Topic/Modules	Trainer
28 Nov 2011 Day 1		
8.30am-9.00am	Registration	
9.00am-9.10am	<i>Welcome Address</i>	
9.10am-10.00am	International Biosafety Standards and Guidelines - Introduction to biosafety standard and guidelines - Differentiation between guidelines & legislation etc	Dr Chua Teck Mean Temasek Life Sciences Laboratory
10.00am-10.15am	Tea Break	
10.15am-11.15am	Biosafety Containment Principles Level 1- 4 & Risk Group Classification	Dr Stuart Blacksell Mahido-Oxford Tropical, Medicine Research Unit
11.15am-12.15noon	Standard Microbiology Practices & Special Microbiology Practices	Dr Stuart Blacksell Mahido-Oxford Tropical, Medicine Research Unit
12.15noon - 1.15pm	LUNCH BREAK	
1.15pm-2.15pm	Primary Containment Equipment & PPE	Ms Chook Mee Lan Temasek Life Sciences Laboratory
2.15pm-3.15pm	Disinfection, Decontamination & Waste Management	Dr Stuart Blacksell Mahido-Oxford Tropical, Medicine Research Unit
3.15pm-3.30pm	Tea Break	
3.30pm - 4.30pm	Special Laboratory Hazard (chemical, radioactive, fire, etc)	Ms Cindy Goh Joo Eng Singapore General Hospital
4.30pm - 5.00pm	Q & A (revision)	Ms Chook ML/Cindy G/Stuart B/ Chua TM

29 Nov 2011 (Tues) Day 2		
Dates	Topic/Modules	Trainer
9.00am-10.00am	Animal Biosafety (Part 1) - Animal containment principles level 1-4	Dr Stuart Blacksell
10.00am-10.15am	Tea Break	
10.15am-11.15am	Animal Biosafety (Part II) - Risk associate working with animal - Animal containment equipment etc	Dr Stuart Blacksell
11.15am-12.15noon	Practical Exercise & Demo -Working with biosafety cabinet -Waste decontamination	Ms Chook Mee Lan/ Dr Stuart Blacksell/ Mr David Lam
12.15noon - 1.15pm	LUNCH BREAK	
1.15pm-2.15pm	Practical Exercise & Demo - Choice of PPE - Donning on and Donning off PPE	Ms Chook Mee Lan/ Dr Stuart Blacksell/ Mr David Lam
2.15pm-3.15pm	Emergency Response (Theory)	Mr David Lam Singapore General Hospital
3.15pm-3.30pm	Tea Break	
3.30pm -5.30pm	Practical Exercise PPE & Spill Clean up Exercise	Mr David Lam/ Ms Chook Mee Lan

**30 Nov - 2 Dec 2011 (Wed-Fri)
Biosafety Management (3 days)**

30 Nov 2011 (Wed) Day 3		
Dates	Topic/Modules	Trainer
9.00am-10.00am	Risk Assessment Part I - Hazard Analysis	Felix Gmuender Basler & Hofmann Singapore Pte Ltd
10.00am-10.15am	Tea Break	
10.15am-11.15am	Risk Assessment Part II - Methodology	Felix Gmuender
11.15am-12.15noon	Practical Exercise Laboratory Risk Assessment	Felix Gmuender/Ms Chook Mee Lan
12.15noon - 1.15pm	LUNCH BREAK	
1.15pm-2.15pm	Practical Exercise Laboratory Risk Assessment	Felix Gmuender/Ms Chook Mee Lan
2.15pm-3.15pm	Laboratory Safety Audit (internal & external monitoring)	Syam Kumar Prabhakaran National University of Singapore
3.15pm-3.30pm	Tea Break	
	Singapore Safety Legislation	
3.30pm-4.30pm	Singapore Local legislation (BATA) <i>include Import, Export and Transfer of Schedule Materials</i>	Dr Se Thoe Su Yun Biosafety Branch, Ministry of Health
4.30pm-5.30pm	Other Singapore Legislation (WSHA, GMO, etc)	Ms Kam Wai Kuen Singapore General Hospital

1Dec 2011 (Thurs) Day 4		
Dates	Topic/Modules	Trainer
9.00am-10.00am	Biosafety Program - IBC, Roles and Responsibilities	Ms Cindy Goh Joo Eng
10.00am-10.15am	Tea Break	
10.15am-11.15am	Biosafety Program - Element, Manual and SOP Development	Ms Chook Mee Lan
11.15am-12.15noon	Occupational Health / Medical Surveillance	Mr David Lam
12.15noon - 1.15pm	LUNCH	
1.15pm-2.15pm	Biosecurity	Dr Se Thoe Su Yun
2.15pm-3.15pm	Shipping & Transportation of Infectious Material (Theory)	Mr David Lam
3.15pm-3.30pm	Tea Break	
3.30pm -4.30pm	Demonstration Shipping & Transportation of Infectious Material (Demo)	Mr David Lam/Ms Chook Mee Lan
4.30pm-5.00pm	Q & A (revision)	Mr David Lam/Ms Chook Mee Lan

2 Dec 2011 (Fri) Day 5		
Dates	Topic/Modules	Trainer
9.00am-10.15am	Bio-Containment Facility - Design and Layout Principles	Dr Chua Teck Mean
10.15- 10.30am	Tea Break	
10.30am - 11.30am	Bio-Containment Facility - Commissioning, Certification	Dr Chua Teck Mean
11.30am -12.30 am	Bio-Containment Facility - Maintenance &Operation	Ms Chook Mee Lan
12.30noon-1.30pm	LUNCH BREAK	
1.30pm-3.30pm	Q & A (revision)	Ms Chook Mee Lan/Dr Chua Teck Mean
TEST & EVALUATION		
3rd Dec 2011, Sat 9.00am - 10.00am	TEST EVALUATION (Biosafety Management)	Ms Chook Mee Lan/Dr Chua Teck Mean
5th Dec 2011, Mon 9.00am - 10.00am	TEST EVALUATION (Legislation)	Dr Se Thoe Su Yun/ Ms Chook Mee Lan