

WEEK 1

Monday, June 12th (Room 204, Science Building, Campus Limpertsberg*)

8.30-9.00	IBBL Welcome (CEO)	CEO
9.00-10.30	Typology & Biobank anecdotes	Fay Betsou
10.30-11.00	Coffee	
11.00-12.30	Environmental Biobank case study	Marcos Castellanos
12.30-13.30	Lunch	
13.30-14.30	Biochemistry of nucleic acids and proteins	William Mathieson
14.30-15.30	Biodiversity - Barcode of Life	Marcos Castellanos
15.30-16.00	Tea	
16.00-17.00	From environment to healthcare; Biobanks and personalized medicine	Fay Betsou
17.00-18.00	Evening Lecture - Sample preparation for Research Projects	William Mathieson

Tuesday, June 13th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Genomic applications I	Sean May
10.30-11.00	Coffee	
11.00-12.00	Genomic and transcriptomic applications II	Fay Betsou
12.00-13.00	Transcriptomic applications III	Sean May
13.00-14.00	Lunch	
14.00-15.30	Genomic and transcriptomic applications IV	Fay Betsou
15.30-16.00	Tea	
16.00-17.00	Epigenetic applications; microRNA I	Fay Betsou
17.00-17.30	Analytical variability workshop part 1	Jean François Hausman

Wednesday, June 14th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Epigenetic applications; microRNA II	Sean May
10.30-11.00	Coffee	
11.00-13.00	Proteomics applications I - circadian issues	Fay Betsou
13.00-14.00	Lunch	
14.00-15.00	Proteomics applications II	Fay Betsou
15.00-15.30	Tea	
15.30-17.00	Cryobiology I	Olga Kofanova
17.00-17.30	Analytical variability workshop part 2	Jean François Hausman

Thursday, June 15th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Cryobiology II	Olga Kofanova
10.30-11.00	Coffee	
11.00-13.00	Biospecimen Science I	Fay Betsou
13.00-14.00	Lunch	
14.00-15.30	Biospecimen Science II	Marcos Castellanos
15.30-16.00	Tea	
16.00-17.30	Ontologies - practical	Sean May, Marcos Castellanos

Friday, June 16th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Size and power	Fay Betsou
10.30-11.00	Coffee	
11.00-12.00	Redcap	Kirsten Roomp
12.00-13.30	Lunch	
13.30-14.30	Biospecimen science III	Fay Betsou
14.30-15.30	Metabolomics I	Karsten Hiller
15.30-16.00	Tea	
16.00-17.30	Metabolomics II - Systems Biology	Karsten Hiller
17.30-18.00	Analytical variability workshop part 3	Jean François Hausman

WEEK 2

Monday, June 19th (IBBL)**

9.00-10.30	Storage temperatures ; Method validation	Fay Betsou
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Fitness for purpose; Tissue preservation	Fay Betsou
13.00-14.00	<i>Lunch</i>	
14.00-15.30	SPREC ; Data quality	Fay Betsou
15.30-16.00	<i>Tea</i>	
16.00-17.00	Cost analysis I	Dominic Allen
17.00-18.00	Analytical variability workshop part 4	Jean François Hausman

Tuesday, June 20th (Room 204, Science Building, Campus Limpertsberg*; IBBL)**

9.00-10.30	Cryobiology III	Olga Kofanova
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Biospecimen research, Preanalytics	Fay Betsou
13.00-14.00	<i>Lunch</i>	
14.00-17.00	IBBL VISIT – Liquid handler, DNA, RNA protein extraction automated & manual, NA analysis, QC, RNA Integrity number, QPCR, flowcytometry, ELISPOT, NGS, Pathology	at IBBL
17.00-17.20	Evening Lecture - Sample preservation for Proteomics	at IBBL, William Mathieson

Wednesday, June 21st (IBBL)**

9.00-10.30	PRACTICAL SESSION	at IBBL, Olga Kofanova
10.30-11.00	<i>Coffee</i>	
11.00-13.00	PRACTICAL SESSION	at IBBL, Olga Kofanova
13.00-14.00	<i>Lunch</i>	
14.00-15.30	Cohorts	Daniel Witte
15.30-16.00	<i>Tea</i>	
16.00-17.00	Epidemiologic aspects	Daniel Witte
17.00-17.30	Evening Lecture - CryoXtract	William Mathieson

Thursday, June 22nd (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Statistics and Collections	Fay Betsou
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Statistics and methods	Fay Betsou
13.00-14.00	<i>Lunch</i>	
14.00-15.15	Biobanking at Natural History Collections	Jonas Astrin
15.15-15.30	<i>Tea</i>	
15.30-17.30	Impact of preanalytical errors on clinical laboratory blood specimens	Stephen Church

Friday, June 23rd (IBBL)**

9.00-10.30	Biobank IT I	Marc Vandelaer
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Biobank IT II	Marc Vandelaer
13.00-14.00	<i>Lunch</i>	
14.00-15.00	Cost analysis II	Dominic Allen
15.00-15.30	<i>Tea</i>	
15.30-16.30	Cost analysis III	Dominic Allen
16.30-17.30	Project management	Angela Hogan

WEEK 3

Monday, June 26th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Tumour banks ; Proficiency Testing	Fay Betsou
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Method validation and biospecimen Quality Control	Fay Betsou
13.00-14.00	<i>Lunch</i>	
14.00-15.00	Quality Control of molecular derivatives	Fay Betsou
15.00-15.30	<i>Tea</i>	
15.30-16.30	Quality Control of cellular derivatives	Fay Betsou
16.30-17.30	Quality Control of environmental samples	Sean May

Tuesday, June 27th (Room 204, Science Building, Campus Limpertsberg*)

9.00-11.00	Risk management	Fay Betsou
11.00-11.15	<i>Coffee</i>	
11.15-13.00	Ethical issues I	Fay Betsou
13.00-14.00	<i>Lunch</i>	
14.00-15.15	Ethical issues II - Nagoya Protocol	Sean May
15.15-15.30	<i>Tea</i>	
15.30-17.30	Microbial strains biobanking	Sabine Gronow

Wednesday, June 28th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.30	Microbiome	Lorie Castillo, Conny Mathay
10.30-11.00	<i>Coffee</i>	
11.00-13.00	Introduction to pathology	Laurent Antunes
13.00-14.00	<i>Lunch</i>	
14.00-15.30	Stem cells biobanking	Zoran Ivanovic
15.30-16.00	<i>Tea</i>	
16.00-17.00	International developments	Fay Betsou
17.00-17.45	Evening Lecture - Alternative Tissue Fixatives	William Mathieson

Thursday, June 29th (IBBL)**

9.00-10.30	Quality management ; fundamentals	Sabine Lehmann
10.30-11.00	<i>Coffee</i>	
11.00-12.00	Quality management ; cerification and accreditation	Sabine Lehmann
13.00-14.00	<i>Lunch</i>	
14.00-15.30	SOP workshop	Sabine Lehmann
15.30-16.00	<i>Tea</i>	
16.00-17.00	SOP workshop	Sabine Lehmann

Friday, June 30th (Room 204, Science Building, Campus Limpertsberg*)

9.00-10.00	Shipments and dangerous goods	Katy Beaumont
10.00-11.00	Legal aspects I	Fay Betsou
11.00-11.30	<i>Coffee</i>	
11.30-13.00	Legal aspects II	Evert-Ben van Veen
13.00-14.00	<i>Lunch</i>	
14.00-15.30	Legal aspects III	Evert-Ben van Veen
15.30-16.00	<i>Tea</i>	
16.00-17.00	Legal aspects IV	Fay Betsou

Written examination on Monday, July 3rd, 9.00-13.00
(Room 201, Science Building, Campus Limpertsberg)