

## WORK PLAN AND TIME SCHEDULES

Week 1	Monday 27.08.2012 (Introduction to mycotoxin analysis)	Tuesday 28.08.2012 (Mycotoxin in cereals for food and feed)	Wednesday 29.08.2012 (Multi-Mycotoxin analysis in cereals)	Thursday 30.08.2012 (Multi-Mycotoxin analysis in cereals)	Friday 31.08.2012 (Application to peanut, maize, cassava)
09u00	Welcome	Lesson 3: <b>Good agricultural practices for reduction of mycotoxins</b> ( by Prof. Geert Haesaert)	Preparation of a standard curve	Sample preparation for LC-MS/MS (by Christ'I Detavernier)	Laboratory : Sample preparation for extraction: weighting and spiking (by Emmanuel Njumbe)
09u15	Introduction by Prof. Sarah De Saeger				
09u30	Lesson 1: <b>Mycotoxin management and risk assessment in developing countries</b> (by Prof. B. De Meulenaer)	Coffee break	Extraction and clean-up	LC-MS/MS analysis	
10u00					
10u30		Lesson 4: <b>Impact of food processing on mycotoxin reduction</b> (by Prof. Mia Feckhout)	Coffee break	Confirmation of results	Extraction and sample clean-up (SPE and defatting)
11u00	Lesson 2: <b>Recent developments in mycotoxin analysis</b> (by Prof. Sarah De Saeger)	Lesson 5: <b>Mycotoxin and animal health</b> (by Prof. Siska Croubels)	Extraction and clean-up		
11u30				Lunch	Lunch
12u00	Lunch	Lunch	Lunch		
12u30				Calculation of the concentration for quantitative analysis	Evaporation and concentraton of sample
13u30	Lesson 2: part b <b>Introduction to quality assurance, accreditation and legislation</b> (by Prof. S. DeSaeger)	Laboratory : Preparation of standard solutions (by Christ'I Detavernier)	Lesson 6 : <b>Introduction to LC-MS/MS*</b> (by Dr. C. Van Poucke)		
14u30	Coffee break			Coffee break	Coffee break
15u00	Laboratory: <b>Introduction to multi-mycotoxin analysis</b> (by Christ'I Detavernier)	Coffee break			
15u30		Laboratory : Sample preparation with cereals (by Christ'I Detavernier)	<b>Social afternoon</b>	Calculation of the concentration for semi-quantitative analysis	Preparation for MS
17u30					

Week 2	Monday 03.09.2010 (Easy - to - use techniques)	Tuesday 04.09.2010 (Hands-on exercise)	Wednesday 05.09.2010 (Hands-on exercise )	Thursday 06.09.2010 (Hands-on exercise)	Friday 07.09.2010 (Departure of participants)
09u00	Lesson 7 : <b>The use of a HPLC-method for the detection of mycotoxins</b> (by José DianaDiMavungu)	Laboratory: <b>Hands on practical exercise by the participants on samples brought by the participants</b> (under the guidance of Emmanuel Njumbe, Pieterjan Lenain, Marthe De Boevre, Christ'I Detavernier, Svetlana Malysheva and José DianaDiMavungu)	Laboratory: <b>Hands on practical exercise by the participants on samples brought by the participants</b> (by under the guidance of Emmanuel Njumbe, Pieterjan Lenain, Marthe De Boevre, Christ'I Detavernier, Svetlana Malysheva and José DianaDiMavungu)	Laboratory: <b>Hands on practical exercise by the participants on samples brought by the participants (finalisation of results)</b>	Departure of participants
10u30	Coffee break			Coffee break	
11u00	Practical explanation of the HPLC-method			Final Conclusions by Prof. Sarah De Saeger	
12u00	Lunch			Free afternoon.	
13u00	Lesson 8 : <b>Fast ELISA-based on-site screening methods</b> (by Emmanuel Njumbe)				
15u00	Coffee break				
15u30	Practical explanation of fast sceening methods				
17u30					