

FROM THEORETICAL TO APPLIED ANALYTICAL CHEMISTRY DEDICATED TO CHEMICAL FOOD SAFETY

23rd – 27th September 2019

Monday 23rd September 2019

09:00 – 09:45	INT-THE-010	Welcome, Introduction, Programme <i>Bruno Le Bizec</i>
09:45 – 10:15	COFFEE BREAK	Coffee break and tour/presentation of the analytical facilities available in the laboratory
10:15 – 12:30	REG-THE-020	Regulation (EU philosophy, main regulations, MRL/MTL, RASFF, FVO inspection). Current and perspectives. <i>Vesna Cerkvenik-Flajs</i>
12:30 – 13:30		Lunch Break
13:30 – 18:00	REG-THE-010	Compounds to monitor: general introduction, main categories <i>Bruno Le Bizec, Eric Verdon, Amadeo Fernandez Alba, Amelia Moreno</i>

Tuesday 24th September 2019

09:00 – 10:30	CON-THE-011	Mass spectrometry for residue and contaminant analysis in food. 1-Basics. <i>Bruno Le Bizec</i>
10:30 – 10:45	COFFEE BREAK	
10:45 – 12:45 (2 groups)	CON-PRA-020	QqQ: tuning, vacuum, source, analyser (hardware presentation) <i>Fabrice Monteau</i>
		El/ESI: ionization sources <i>Anne-Lise Royer</i>
12:45 – 13:45		Lunch Break
13:45 – 15:00	CON-THE-011	Mass spectrometry for residue and contaminant analysis in food. 2-Trends. <i>Bruno Le Bizec</i>
15:00 – 15:15	COFFEE BREAK	
15:15 – 16:45 (2 groups)	CON-PRA-012	Orbitrap technology: concept, software and direct introduction (45 min) <i>Yann Guitten</i>
	CON-PRA-013	TOF technology: concept, software, capabilities Q-TOF and TOF (45 min) <i>Maykel Hernandez Mesa, Fabrice Monteau</i>
16:45 – 18:00	SAM-THE-043	The challenge of sample preparation <i>Gaud Dervilly</i>

19h15: Social event at La Cigale (Nantes town centre)

Caption :

	Theory		Practical		Interactive workshop
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Wednesday 25th september 2019

09:00 – 10:30	CON-THE-031	Liquid Chromatography-MS coupling <i>Lecturer to be confirmed</i>
10:30 – 10:45	COFFEE BREAK	
10:45 – 12:15	CON-THE-032	Gas Chromatography-MS coupling <i>Lecturer to be confirmed</i>
12:15 – 13:15		Lunch Break
13:15 – 15:45 (2 groups)	CON-PRA-032	I programme my instrument – Part II LC-MS (1h15) <i>Jean-Philippe Antignac</i>
	CON-PRA-021	I programme my instrument – Part I GC-MS (1h15) <i>Fabrice Monteau</i>
15:45 – 16:00	COFFEE BREAK	
16:00 – 17:30	MAN-PRA-013	Presentation of novel technologies: SFC, APGC, ASAP, REIMS <i>Sara Stead, Gabriel Gaiffe</i>
17:30 – 18:00		Interactive workshop on MS / Coupling / Chromatography) <i>Ronan Cariou</i>

Thursday 26th September 2019

09:00 – 11:30	QUA-THE-011	Identification criteria (current and future) <i>Marco Blokland</i>
	COFFEE BREAK	
	QUA-PRA-010	Identification criteria (practical) <i>Marco Blokland</i>
11:30 – 12:00	QUA-THE-070	Introduction to quantification (theory) <i>Emmanuelle Bichon</i>
12:00 – 12:30	QUA-PRA-070	Introduction to quantification (practical) <i>Emmanuelle Bichon</i>
12:30 – 13:30		Lunch Break
13:30 – 15:15	QUA-THE-020	Validation of analytical methods (Part I: residues. History, theory and main practical considerations) <i>Gaud Dervilly</i>
15:15 – 15:30	COFFEE BREAK	
15:30 – 17:15	QUA-PRA-041	Validation part 1 (authorized/forbidden vet drugs) Group-based project focusing on the CC α - CC β approach LABERCA group (EB)
17:15 – 18:00		Interactive workshop on validation) <i>Ronan Cariou</i>

Friday 27th September 2019

9:00 – 10:45	QUA-THE-020	Validation of analytical methods (Part II: contaminants. Theory and main practical considerations) <i>Emmanuelle Bichon</i>
10:45 – 11:00	COFFEE BREAK	
11:00 – 12:00	QUA-PRA-041	Validation part 2 (contaminants, pesticides and migrants) Group-based project focusing on GUM approaches LABERCA group (EB, RC)
12:00 – 13:30		Lunch Break
13.30 – 14:15	QUIZ	Evaluation of the trainees
14:15 – 15:30	REG-THE-040	FVO Requirements <i>John McEvoy</i>
15:30 – 15:45	COFFEE BREAK	
15:45 – 16:30	INT-THE-020	Conclusion of the session and debriefing <i>Bruno Le Bizec</i>