

Altertox Academy <http://academy.altertox.be/> - Draft Agenda

3DTissue Engineering Quality Control – From the bench to the bedside

Thursday 8<sup>th</sup> - Friday 9<sup>th</sup> of November 2018

Hosted and co-organised by IRMB - Institute of Regenerative Medicine and Biotherapies

191, avenue du Doyen Gaston Giraud, Montpellier, FRANCE

Day 1 – November 8th (Thursday)			
08:00 – 08:15	Welcome coffee		
08:15 – 08:30	Introduction / Webinar	Altertox Academy Overview	F. Busquet – Altertox Academy
08:30 – 09:15	Lecture / Webinar	Regulatory talk (title to be announced)	To be announced
09:15 – 09:55	Lecture / Webinar	Induced pluripotent stem cell progression: a decade devoted	R. Desprat & JM Lemaître - INSERM
09:55 – 10:40	Lecture / Webinar	DNA integrity of pluripotent stem cells by copy number variation by digital droplet PCR (ddPCR)	J. De Vos - StemGenomics
10:40 – 11:00	Coffee Break		
11:00 – 11:30	Lecture / Webinar	Gene Expression profiles: Arrays or RNA-Seq ? Choosing the right tool for the job	V. Pantesco – INSERM
11:30 – 12:00	Lecture / Webinar	Preclinical models of rheumatic diseases: how to analyse bone and articular	Dr. D. Noel, PhD – INSERM Ecellfrance
12:00 – 12:30	Lecture / Webinar	3D printing of hydrogels scaffolds	G. Subra -Universite de Montpellier
12:30 – 13:30	Lunch		
13:30 – 15:30	GROUP1 Hands-on Training	Induced pluripotent stem cell progression a decade devoted	R. Desprat & JM Lemaître - INSERM
15:30 – 17:30	GROUP1 Hands-on Training	DNA integrity of pluripotent stem cells by copy number variation by digital droplet PCR (ddPCR)	J. De Vos - StemGenomics
13:30 – 15:30	GROUP2 Hands-on Training	Imaging of Articular Cartilage in the mouse model	Dr. D. Noel, PhD K. Toupet - INSERM Ecellfrance
15:30 – 17:30	GROUP2 Hands-on Training	Gene expression profile in human induced pluripotent stem cells using Affymetrix microarray (iPSCs)	V. Pantesco – INSERM
13:30 – 17:30	GROUP3 Hands-on Training	3D printing of hydrogels scaffolds. Design of scaffold, programming, printing parameters.	G. Subra - Universite de Montpellier
19:00	Social Dinner		TBD

Day 2 – November 9th (Friday)			
08:15 – 8:30	Arrival, Coffee		
08:30 – 10:30	GROUP1 Hands-on Training	Imaging of Articular Cartilage in the mouse model	Dr. D. Noel, PhD – K. Toupet - INSERM Ecellfrance
10:30 – 12:30	GROUP1 Hands-on Training	Gene expression profile in human induced pluripotent stem cells using Affymetrix microarray (iPSCs)	V. Pantesco – INSERM
08:30 – 12:30	GROUP2 Hands-on Training	3D printing of hydrogels scaffolds. Design of scaffold, programming, printing parameters.	G. Subra -Universite de Montpellier
08:30 – 10:30	GROUP3 Hands-on Training	Induced pluripotent stem cell progression a decade devoted	R. Desprat & JM Lemaitre - INSERM
10:30 – 12:30	GROUP3 Hands-on Training	DNA integrity of pluripotent stem cells by copy number variation by digital droplet PCR (ddPCR)	J. De Vos - StemGenomics
12:30-13:30	Lunch		
13:30 – 17:30	GROUP1 Hands-on Training	3D printing of hydrogels scaffolds. Design of scaffold, programming, printing parameters.	Prof. Subra - Universite de Montpellier
13:30 – 15:30	GROUP2 Hands-on Training	Induced pluripotent stem cell progression a decade devoted	R. Desprat & JM Lemaitre - INSERM
15:30 – 17:30	GROUP2 Hands-on Training	DNA integrity of pluripotent stem cells by copy number variation by digital droplet PCR (ddPCR)	J. De Vos - StemGenomics
13:30 – 15:30	GROUP3 Hands-on Training	Imaging of Articular Cartilage in the mouse model	Dr. D. Noel, PhD K. Toupet - INSERM Ecellfrance
15:30 – 17:30	GROUP3 Hands-on Training	Gene expression profile in human induced pluripotent stem cells using Affymetrix microarray (iPSCs)	V. Pantesco – INSERM
17:00-17:30	Closing of the session	Q&A + Certificates	IRMB + Altertox Academy