

# IRMB | TRAINING



## 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

08:00 - 08:15	Welcom coffee		
08:15 - 08:30	Introduction / Webinar	<b>Alertox Academy overview</b>	F.Busquet Alertox Academy
08:30 - 09:15	Lecture / Webinar	<b>Regulatory talk (title to be announced)</b>	To be announced
09:15 - 09:55	Lecture / Webinar	<b>Induced pluripotent stem cell progression: a decade devoted</b>	R. Desprat & JM Lemaitre - INSERM
09:55 - 10:40	Lecture / Webinar	<b>DNA integrity of pluripotent stem cells by copy number variation by digital droplet PCR (ddPCR)</b>	J. De Vos - StemGenomics
10:40 - 11:00	Coffee Break		
11:00 - 11:30	Lecture / Webinar	<b>Gene Expression profiles: Arrays or RNA-Seq ? Choosing the right tool for the job</b>	V. Pantesco – INSERM
11:30 - 12:00	Lecture / Webinar	<b>Preclinical models of rheumatic diseases: how to analyse bone and articular</b>	Dr. D. Noel, PhD – INSERM Ecellfrance
12:00 - 12:30	Lecture / Webinar	<b>3D printing of hydrogels scaffolds</b>	G. Subra -Universite de Montpellier
12:30 - 13:30	Lunch		

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13:30 – 15:30	GROUP1 Hands-on Training	Induced pluripotent stem cell progression a decade devoted	R. Desprat & JM Lemaitre - 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		TBC

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