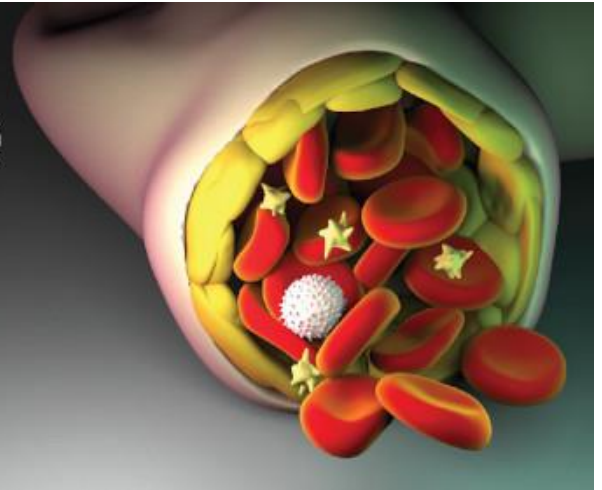


1st International conference on

# Blood-Tissue Interfaces

October, 3-4, 2022  
Montpellier, France



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## Conference Program

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## Monday, October 3rd

08:30 - 09:00 Welcome - registration

**09:00 - 09:15 Welcome address**

**François Pierrot**

*V.P. in charge of partnerships and innovation; Executive Director of I-SITE MUSE*

**Jean-Christophe Gris**

*Professor in Hematology, University of Montpellier*

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**09:00 - 12:00 Session 1 *Jean-Christophe Gris***  
*Professor in Hematology, University of Montpellier*

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09:15 - 09:55 **Isabelle Quere, CHU Montpellier**  
*"The lymphatic system and its impairments"*

09:55 - 10:35 **John-Bjarne Hansen, the Arctic Univ. of Norway**  
*"Role of the complement system in the pathogenesis of venous thromboembolism"*

10:35 - 11:05 Coffee break

11:05 - 11:45 **Anat Aharon, University of Tel Aviv**  
*"Extracellular Vesicles (EVs) as Biomarkers and Therapeutic Tools"*

11:45 - 12:25 **Aurélien Bancaud, LAAS CNRS**  
*"Deformation but not convection induced by intraluminal pressure enhances transport through barrier tissues"*

12:25 - 13:50 Lunch

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**13:45 - 17:00 Session 2 *Benoît Charlot***  
*CNRS Researcher – IES Laboratory*

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13:50 - 14:30 **Abdul Barakat, Ladhyx, Ecole Polytechnique**  
*"Engineered Blood Vessels as Platforms for Understanding Vascular Diseases"*

14:30 - 15:10 **Didier Letourneur, CNRS - INSERM U1148**  
*"Design of vascular tissue engineering grafts"*

15:10 - 15:45 Coffee Break

15:45 - 16:25 **Fabrice Soncin, INSERM, Université de Lille**  
*"Blood vessel-on-chip model of the vascular barrier"*

16:25 - 17:05 **Haley Ehlers, Mimetas**  
*"Modeling endothelium-on-a-chip for vascular diseases"*

**17:05 - 18:00 Flash talks**

**18:00 - 19:00 Guided tour of the aquarium – Planet Ocean Montpellier**

**19:30 - 22:00 Cocktail dinner**

## Tuesday, October 4th

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**09:00 - 09:15**    **Session 3 *Damien Isèbe***  
*Research Manager HORIBA Medical*

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09:15 - 09:55        **Jan Frayne**, University of Bristol  
*"The generation of RBCs in vitro for transfusion therapy and as disease model systems"*

09:55 - 10:35        **Koji Eto**, Kyoto university  
*"Turning iPS Cells into Platelets"*

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10:35 - 11:05        Coffee break

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11:05 - 11:45        **Stéphanie Descroix, IPGG**, Institut Curie  
*"Microfluidic approach for circulating tumor biomarkers"*

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11:45 - 14:00        Lunch and posters

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**14:00 - 16:30**    **Session 4 *Raphael Gaudin***  
*CNRS Researcher – IRIM Laboratory*

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14:00 - 14:40        **Guillaume Dumenil**, Institut Pasteur  
*"Blood vessels as a target for infection, the case of meningococemia"*

14:40 - 15:20        **Jacky Goetz**, Inserm/Univ. Strasbourg  
*"Biomechanical contribution of the endothelium to tumor metastasis"*

15:20 - 16:00        **Esther Nolte-'t Hoen**, Utrecht University  
*"Extracellular vesicles and the messages they convey during infection and inflammation"*

16:00 - 16:30        **Concluding remarks**

**16:30**                **Conference adjourn – Jean-Christophe Gris**