



## Symposium

MultiCellular  
Systems



Imaging organoids, spheroids & 3D cell cultures  
An axis of the GdR Im2Bio



Wednesday, October, 9th, 2019; Paris-ICM-Hôpital Pitié Salpêtrière

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|-------------|--|
| 9h-9h30     | Welcoming participants with coffee   |
| 9h30-9h45   | Multicellular Systems Working group presentation   |
| 9h45-10h05  | Isabelle Le Roux, "Investigating the function of senescence during gliomagenesis using a mouse GBM model and its derived organoids"  |
| 10h05-10h25 | Elizabeth Antoine, "Multiple Scattering optical diffraction tomography for label-free imaging of complex 3D tissues and organoids"   |
| 10h25-10h45 | Céline Cougoule, "Lung organoids as a human 3D model system to explore tuberculosis"   |
| 10h45-10h55 | Industrial partner: GE-Healthcare  |
| 11h00-12h00 | <u>Henner Farin</u> ( <i>German Cancer Consortium/Georg-Speyer-Haus, Frankfurt</i> )<br>"3D Live cell imaging of gastrointestinal organoids, insights into epithelial disorders and cancer immunotherapy."                                   |
| 12h00-13h30 | Poster session - Lunch break   |
| 13h30-13h40 | Industrial partner: Carl Zeiss   |
| 13h40-14h00 | Louison Lallemand, <i>3D imaging of cleared samples using lightsheet microscopy</i>  |
| 14h00-14h20 | Vincent Studer "Multicolor 3D live imaging of brain tissues and spheroids by spectral image scanning microscopy (spectral-ISM)"  |
| 14h20-15h20 | <u>Francesco Pampaloni</u> ( <i>Buchmann Institute for Molecular Life Sciences (BMLS), Goethe University Frankfurt, Germany</i> )<br>"High-throughput Light Sheet Fluorescence Microscopy (HT-LSFM) for the analysis of 3D Human Organoids." |
| 15h20-15h50 | Coffee break   |
| 15h50-16h05 | Industrial partner: StemCells Technologies   |
| 16h05-16h25 | Coralie Dorard "Role of RAF1 in colorectal carcinogenesis in 3D models"  |
| 16h25-16h45 | Kassandra Groux "Following retinal organoid developmental stages with Dynamic Full-Field OCT imaging"  |
| 16h45-17h45 | Debriefing/Organizing a workshop in 2020-21?   |