

11th Scientific Day

"Challenges in research: robustness and variability"

June 19, 2018

8h30 Registration open

9h **Welcome address Jacqueline Marvel,**
SFR Biosciences Director

9h10 **Keynote lecture**
Massimo Tomassino - International Agency for Research on Cancer
« Role of infections in human cancer »

9h55 **SFR Speakers**
Thierry Walzer (CIRI)
« Parameters influencing the onset of genetic autoimmune diseases »

10h10 **Flash poster R&D**

- **Christophe Chamot (PLATIM)** « Development of an Improved Pressure Probe System (IMPRESS) »
- **Elodie Chatre (PLATIM)** « METODOSIM : Improve the quality of your SIM acquisitions and reconstructions »

10h20 **Tea/Coffee break, posters and exhibition**

11h00 **SFR Speakers**
François Leulier (IGFL)
« The intestinal microbiota, a factor influencing phenotype robustness »

11h15 **Romain Debret (LBTI)**
« Strategies to deal with the variability of aging: example of the skin »

11h30 **Flash poster R&D**

- **Maxime Ratinier (IVPC / L3)** « Studying the interactions between arboviruses and their insect vectors in BSL3 conditions »

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- **Suzy Markossian (IGFL / PBES)** « New CRISPR/Cas9 developments for complex genome editing »
- **Jacqueline Marvel** « SFR Biosciences Facilities »

11h45 **Poster Session**

12h30 **Lunch/Discussion**

13h45 **Keynote lecture**

Claudio Colaiacomo - ELSEVIER publishing

« The reproducibility challenge – what researchers need »

14h30 **SFR Speakers**

Marie Monniaux (RDP)

« Genetic basis of robustness in petal number »

14h45 **Gaël Yvert (LBMC)**

« Mutations changing probabilities: when cell-to-cell variability itself varies »

15h00 **Tea/Coffee break**

15h15 **Pierre Falson (MMSB)**

« Detergents, true and false bubbles »

15h30 **Marie Cresson (IVPC)**

« The iron transporter NRAMP2 : a receptor of alphaviruses ? »

15h45 **Keynote lecture**

Pablo Jensen - IXXI - ENS Lyon - CNRS

« Robustness and reproducibility in physics and social sciences »

16h30 **Open debate**

Concluding Remarks / ongoing discussion / closing with drinks
