

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

10h30 Tea/Coffee break, posters and exhibition

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

11h15 **Romain Debret (LBTI)**
« titre »

11h30 **Flash poster R&D**

- **Maxime Ratinier (IVPC / L3)** « Arboarthro »

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

12h00 **Poster Session**

12h50 **Lunch/Discussion**

14h00 **Keynote lecture**

Claudio Colaiacomo - ELSEVIER publishing

« The reproducibility challenge – what researchers need »

14h45 **SFR Speakers**

Marie Monniaux (RDP)

« Genetic basis of robustness in petal number »

15h00 **Gaël Yvert (LBMC)**

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

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 - Institut rhônalpin des systèmes complexes - IXXI

« Robustness and reproducibility in physics and social sciences »

Round table

16h30 **Concluding Remarks / ongoing discussion / closing with drinks**
