

PROGRAMME:

COLLOQUE

Spotlight on Stem Cells
Cell fate decision in vivo and in vitro

N°13

8 h 20 Welcome

8 h 50 Introduction

9 h 00 **Keynote lecture** (30' talk & 10' questions)

Roberto Mayor, UCL, London

"**Neural Crest Migration: The Embryo's Great Invasion**".

9 h 40 Communication selected from abstracts (10' talk & 2' questions)

9 h 55 **Invited communication** (20' talk & 5' questions)

Glenda Comai, Institut Pasteur, Paris

"**Unveiling cranial muscle complexity: Insights into Development, Evolution, and Disease**".

10 h 20 Pause and Poster session

11 h 00 **Keynote lecture** (30' talk & 10' questions)

Fabrice Laval, CRCL Lyon

"**Reprogramming, stem cells and oncogenesis**".

11 h 40 Communication selected from abstracts (10' talk & 2' questions)

11 h 55 Communication selected from abstracts (10' talk & 2' questions)

12 h 10 Short communication (10' talk & 2' questions)

Harunobu Kagawa CR2TI, Nantes

"**Beyond Implantation: Decoding Human Early Development with Stem Cell-Based Models**".

12 h 30 Lunch break

13 h 15 Poster session

14 h 00 **Invited communication** (20' talk & 5' questions)

Meryem Baghdadi, Institut Necker Enfants Malades, Paris

"**Role of PIEZO mechano-sensitive channels in intestinal stem cells**".

14 h 25 **Invited communication** (20' talk & 5' questions)

Jean-Baptiste Dupont, TARGET, Nantes

"**Identification of new therapeutic targets for Duchenne Muscular Dystrophy using pluripotent stem cells and engineered muscle tissues**".

14 h 50 Communication selected from abstracts (10' talk & 2' questions)

15 h 05 **Invited communication** (20' talk & 5' questions)

Eric Letouzé, One Biosciences, Paris, CRCI2NA, Nantes

"**Evolution of cancer and immune cells determine immunotherapy response in cancer**".

15 h 30 Short communication (10' talk & 2' questions)

Vanessa Chenouard CR2TI, Nantes

"**Cell fate modulation with CRISPRai**".

15 h 45 Pause and Poster session

16 h 30 Short communication (10' talk & 2' questions)

Antoine Rimbart, Institut du Thorax, Nantes

"**Genetic origins of dyslipidemia: time to read "between the lines?"**".

16 h 45 **Keynote lecture** (30' talk & 10' questions):

Muriel Peron, Institut NeuroPSI, Paris Saclay

"**Two worlds of retinal regeneration: the Xenopus and the mouse perspectives**".

17 h 30 Conclusion