



SPOTLIGHT ON STEM CELLS CELL FATE DECISION IN VIVO AND IN VITRO

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| 8:20 | Welcome |
| 8:50 | Introduction |
| 9:00 | Keynote lecture (30' talk & 10' questions) Two worlds of retinal regeneration: the Xenopus and the mouse perspectives Muriel Perron, Institut NeuroPSI , Paris Saclay |
| 9:40 | Communication selected from abstracts (9' talk & 3' questions) Skeletal muscle organoids for preclinical gene therapy with recombinant AAV vectors Clémence Lièvre, TaRGeT, Nantes |
| 9:55 | Invited communication (20' talk & 5' questions) Unveiling cranial muscle complexity: Insights into Development, Evolution, and Disease Glenda Comai, Institut Pasteur, Paris |
| 10:20 | Break and Poster session |
| 11:00 | Keynote lecture (30' talk & 10' questions) Control of cellular identity during reprogramming, transdifferentiation and oncogenic transformation Fabrice Lavial, CRCL, Lyon |
| 11:40 | Communication selected from abstracts (9' talk & 3' questions) Role of a non-coding ZFPM2 locus linked to an increased risk of Brugada syndrome occurrence Sarah Godin, Institut du Thorax, Nantes |
| 11:55 | Communication selected from abstracts (9' talk & 3' questions) Generation of iPSCs-derived functional T cells in thymic organoids and disease modelling of APECED syndrome Manon D'Arco, CR2TI, Nantes |
| 12:10 | Short communication (9' talk & 3' questions) Beyond Implantation: Decoding Human Early Development with Stem Cell-Based Models Harunobu Kagawa, CR2TI, Nantes |
| 12:30 | Lunch break |
| 13:15 | Poster session |
| 14:00 | Invited communication (20' talk & 5' questions) Role of PIEZO mechano-sensitive channels in intestinal stem cells Meryem Baghdadi, Institut Necker Enfants Malades, Paris |
| 14:25 | Invited communication (20' talk & 5' questions) Identification of new therapeutic targets for Duchenne Muscular Dystrophy using pluripotent stem cells and engineered muscle tissues Jean-Baptiste Dupont, TARGET, Nantes |
| 14:50 | Communication selected from abstracts (9' talk & 3' questions) Influence of matrix composition on smooth muscle development using human intestinal organoids Victor Perreaux, TENS, Nantes |
| 15:05 | Invited communication (20' talk & 5' questions) Evolution of cancer and immune cells determine immunotherapy response in cancer Éric Letouzé, One Biosciences, Paris, CRCI2NA, Nantes |
| 15:30 | Short communication (9' talk & 3' questions) Cell fate modulation with CRISPRai Vanessa Chenouard, CR2TI, Nantes |
| 15:45 | Break and Poster session |
| 16:30 | Short communication (9' talk & 3' questions) Genetic origins of dyslipidemia: time to read "between the lines"? Antoine Rimbert, Institut du Thorax, Nantes |
| 16:45 | Keynote lecture (30' talk & 10' questions) Neural Crest Migration: The Embryo's Great Invasion Roberto Mayor, UCL, London |
| 17:30 | Conclusion |

Organized by:

