



Aurastem Annual Meeting 2025

TIME	EVENT
9:45-10:15	Welcome Coffee
10:15-10:25	Welcome – introduction of the meeting
10:25-11:05	<u>Keynote Session</u> : Nikolaos KONSTANTINIDIS (Institut Jacques Monod, Paris) “Evolution and development of neuroblast patterning”
11:05-11:25	Isabella Scionti (PGNM, Lyon) “Muscle stem cell fate: Epigenetics meets metabolism”
11:25-11:35	Margarita Masoura (IGFL, Lyon) “Uncovering the pleiotropic potential of enhancers during Drosophila embryogenesis”
11:35-11:45	Mariette Giannini (CRCL, Lyon) “Using A Scalable And Standardized 3d Human Bone Marrow Model To Study The Interplay Between Hematological, Immune And Stromal Compartments “
11:45-11:55	Prikshit (iGReD, Clermont-Ferrand) “Dissecting the contribution of axis stem cells to axial segments patterning in Amniotes”
11:55-12:05	Agathe De Neufville (SBRI, Lyon) “Role Of Netrin-1 Signaling In Human Naive Pluripotency”
12:05-12:25	Samir Merabet (IGFL, Lyon) “An improved nanobody-based approach to capture endogenous interactomes of specific binary protein complexes in living cells”
12:25-13:25	Lunch
13:25-13:45	Julien Gondin (PGNM, Lyon) “Role of estrogenic activity in skeletal muscle regeneration”
13:45-13:55	Anaëlle Bobard (CRCL, Lyon) “Exposure to pesticides lead to alteration of pediatric bone marrow niche, with combined loss of intrinsic mesenchymal and hematopoietic stem cell properties.”
13:55-14:05	Audrey Saugues (INMG, Lyon) “Regulation of adult muscle stem cell fate during asynchronous skeletal muscle regeneration”
14:05-14:15	Timothy Capeliez (SBRI, Lyon) “Bmpr1a signaling modulates germinal activity within the postnatal subventricular zone”



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14:15-14:25	Sophia Bounaud (CRCL, Lyon) "Bad blood in the neuroblastoma-invaded bone marrow: impact on mesenchymal stromal cells and hematopoiesis"
14:25-14:45	Jonathan Enriquez (IGFL, Lyon) "Spatio-Temporal Control of Muscle Diversity"
14:45-15:05	Break
15:05-15:15	Kamela Nikolla (SBRi, Lyon) "Role of MECP2 during early development of the primate cerebral cortex"
15:15-15:25	Irene Arnaldos Perez (CEA, IRIG, Grenoble) "Biomaterials-enabled revelation of sustained p-Smad signaling and abnormal adhesion of bone-derived stem cells in leukemia"
15:25-15:35	Emilie Clement (CRCL, Lyon) "Preclinical modeling of breast cancer leptomeningeal metastases"
15:35-16:15	<u>Keynote Session</u> : Celine COLNOT (Institut Mondor de la recherche biomédicale, Creteil) "Skeletal stem progenitor cells in bone regeneration"
16:15-16:30	Closing Remarks