

IGMM/CRBM external seminar May 16th, 11:00 am Salle Philippe Jeanteur

(Un)Conventional paths to establish a cell-type-specific transcriptome

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After a PhD at the University Pierre et Marie Curie in the laboratory of Claire Rougeulle, Andrew did a first post-doc in the same laboratory. He then did a second post-doc in London at UCL in Suzanna Hadjur's lab, a third post-doc at NIH (USA) in Raja JOTHI's lab and a fourth post-doc in Reini Loco's lab at IGH (Montpellier). He was recruited as a CNRS CRCN in the same laboratory in 2018. He is currently an independent project leader at IGH since 2022.

Andrew OLDFIELD is looking for applying to a PI position at IGMM or CRBM

Selected publications

Barral A, Pozo G, Ducrot L, Papadopoulos GL, Sauzet S, Oldfield AJ, Cavalli G, Déjardin J. SETDB1/NSD-dependent H3K9me3/H3K36me3 dual heterochromatin maintains gene expression profiles by bookmarking poised enhancers. Mol Cell. 2022 Feb 17;82(4):816-832.e12.

Oldfield AJ, Yang P, Conway AE, Cinghu S, Freudenberg JM, Yellaboina S, Jothi R. Histone-fold domain protein NF-Y promotes chromatin accessibility for cell type-specific master transcription factors. Mol Cell. 2014 Sep 4;55(5):708-22.

Oldfield AJ, Henriques T, Kumar D, Burkholder AB, Cinghu S, Paulet D, Bennett BD, Yang P, Scruggs BS, Lavender CA, Rivals E, Adelman K, Jothi R. NF-Y controls fidelity of transcription initiation at gene promoters through maintenance of the nucleosome-depleted region. Nat Commun. 2019 Jul 11;10(1):3072.