



CBI SEMINAR

Friday

APRIL 15 TH 2022



11h00 A.M


Ludovic ORLANDO

Centre for Anthropobiology &
Genomics of Toulouse (CAGT)



“Ancient genomes: what are they good for?”

Next-generation sequencing technologies have provided unprecedented resolution into the genomic diversity present in extant populations. They have also opened for the characterization of the genomic diversity once present in past populations and extinct species, such as Neanderthals and the woolly mammoth. In fact, the short and ultradamaged ancient DNA molecules preserved in subfossils remains now truly allow for genetic time travels catching evolution red-handed in the face of massive environmental, societal and sanitary crises. The information gathered goes far beyond temporal patterns of SNP variation, as ancient epigenomic maps, but also past microbiome profiles, have become increasingly accessible. This seminar will brush over the fantastic potential of ancient DNA in general, and will then zoom in some recent findings of our group that have helped us rewrite the history of horse domestication.



Salle de Conférence du 4R4
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