



**28**  
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## SÉMINAIRE

# Spontaneous Mutation, Horizontal Transfer, and Sex: Understanding the Evolution of the Mobilome

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Transposable elements (TEs) are now known to occupy a huge proportion of most multicellular eukaryotic genomes, yet the factors influencing their proliferation are only beginning to be investigated. In addition to giving a brief overview of their role in genome evolution, I will discuss recent work on a few important factors (sex, horizontal transfer, and transposition rates) that influence the coevolutionary dynamics between TEs and the host genomes they inhabit.