

Evolution, Population Genomics and Epigenomics in Plants.

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Small Abstract

The evolutionary impact of epigenetic variation is at best uncertain. Does epigenetic variation contribute to evolutionary processes? In this talk, I will cover studies of epigenomic variation in plant systems. These studies strongly suggest that epigenetic modifications alter the structure and evolution of genomes over the long term, but the effects of epigenetic variation on shorter, ecological time-scales remain uncertain.